

# Product Datasheet

## COX-1 Antibody H00005742-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005742-D01P****COX-1 Antibody**

| <b>Product Information</b> |                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 mg                                                                                                           |
| <b>Concentration</b>       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                       |
| <b>Preservative</b>        | No Preservative                                                                                                  |
| <b>Isotype</b>             | IgG                                                                                                              |
| <b>Purity</b>              | Protein A purified                                                                                               |
| <b>Buffer</b>              | PBS (pH 7.4)                                                                                                     |

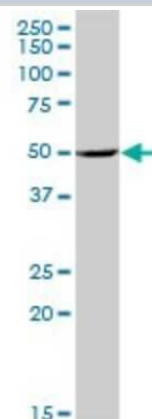
| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Quality control test: Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>                 | 5742                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>             | PTGS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>                 | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity/Sensitivity</b> | Reacts with prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>               | PTGS1 (AAH29840.1, 1 a.a. - 599 a.a.) full-length human protein.<br>MSRSLLLRFLFLLLLPLLPVLLADPGAPTPVNPCCYYPCQHQGICVRFGLDRY<br>QCDCTRTGYSGPNCTIPGLWTWLRNSLRSPSFTHFLLTHGRWFWFVNATFI<br>REMLMRLVLTVRSNLIPSPPTYNSAHDIYSWESFSNVSYTRILPSVPKDCPTP<br>MGTKGKKQLPDAQLLARRFLLRRKFIPDPQGTNLMFAFFAQHFTHQFFKTSGK<br>MGPGFTKALGHGVDLGHYGDNLERQYQLRFLKDGKLYQVLDGEMYPPSVE<br>EAPVLMHYPRGIPPQSQMAVGQEVFGLLPGLMLYATLWLREHNRVCDLLKAE<br>HPTWGDEQLFQTTRLILIGETIKIVIEEYVQQLSGYFLQLKFDPELLFGVQFQYRN<br>RIAMEFNHLYHWHPLMPDSFKVGSQEYSYEQFLFNTSMLVDYGVEALVDAFSR<br>QIAGRIGGGRNMDHHILHVAVDVIREMRLQPFNEYRKRFGMKPYTSFQEL<br>VGEKEMAAELEELYGDIDALEFYPGLLLEKCHPNSIFGESMIEIGAPFSLKGLLG<br>NPICSPPEYWKPFSTFGGEVGFNIVKTATLKKLVCLNTKTCPYVSFRVPDASQDDG<br>PAVERPSTEL |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| <b>Product Application Details</b> |                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot                                                                                                |
| <b>Recommended Dilutions</b>       | Western Blot                                                                                                |
| <b>Application Notes</b>           | Antibody reactivity against cell, tissue and transfected lysate in WB and as a detection antibody in ELISA. |

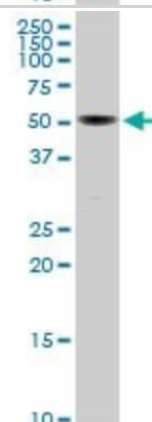


## Images

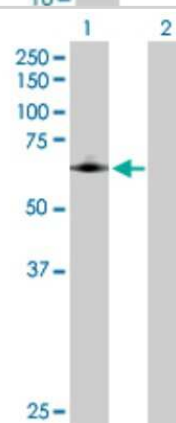
Western Blot: COX-1 Antibody [H00005742-D01P] - Analysis of PTGS1 expression in mouse spleen.



Western Blot: COX-1 Antibody [H00005742-D01P] - Analysis of PTGS1 expression in HeLa.



Western Blot: COX-1 Antibody [H00005742-D01P] - Analysis of PTGS1 expression in transfected 293T cell line by PTGS1 polyclonal antibody. Lane 1: PTGS1 transfected lysate(68.70 KDa). Lane 2: Non-transfected lysate.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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