

# Product Datasheet

## Carbonic Anhydrase I/CA1 Antibody [DyLight 550] AF2180L

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2180L****Carbonic Anhydrase I/CA1 Antibody [DyLight 550]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                    |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                               |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                  |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                       |
| <b>Conjugate</b>                   | DyLight 550                                                                                                                                                                                                                               |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                 |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                        |
| <b>Product Description</b>         |                                                                                                                                                                                                                                           |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                      |
| <b>Gene ID</b>                     | 759                                                                                                                                                                                                                                       |
| <b>Gene Symbol</b>                 | CA1                                                                                                                                                                                                                                       |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                     |
| <b>Specificity/Sensitivity</b>     | Detects human Carbonic Anhydrase I/CA1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 5% cross-reactivity with recombinant human (rh) CA2, rhCA3, rhCA4, rhCA8, rhCA9, rhCA10, and rhCA12 is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant human Carbonic Anhydrase I/CA1 Ala2-Phe261<br>Accession # P00915                                                                                                                                      |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                         |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                           |
| <b>Applications</b>                | Western Blot, Immunoprecipitation                                                                                                                                                                                                         |
| <b>Recommended Dilutions</b>       | Western Blot, Immunoprecipitation                                                                                                                                                                                                         |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                    |





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### **Products Related to AF2180L**

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|               |                                                      |
|---------------|------------------------------------------------------|
| AB-108-CL     | Goat IgG Isotype Control [DyLight 550]               |
| NBP1-88191PEP | Carbonic Anhydrase I/CA1 Recombinant Protein Antigen |
| DBD00         | BDNF [HRP]                                           |
| 2180-CA-050   | Carbonic Anhydrase I/CA1                             |

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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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