

# Product Datasheet

## 12-Lipoxygenase Antibody

### H0000239-A01

Unit Size: 0.05 ml

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

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**H00000239-A01****12-Lipoxygenase Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Purity</b>	Unpurified
<b>Buffer</b>	Unpurified antisera so the specific antibody concentration is unknown. Contains 50% glycerol.

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	239
<b>Gene Symbol</b>	ALOX12
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human. Other species not tested.
<b>Specificity/Sensitivity</b>	ALOX12 - arachidonate 12-lipoxygenase
<b>Immunogen</b>	ALOX12 (NP_000688, 564 a.a. ~ 664 a.a) partial recombinant protein with GST tag.PPPTTKEDVTMATVMGSLPDVRQACLQMAISWHLRQPDMVPLGHHKE KYFSGPKPKAVLNQFRTDLEKLEKEITARNEQLDWPYEYLPKPSCIENSVTI
<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, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

**Publications**

Gregus AM, Dumlao DS, Wei SC et al. Systematic analysis of rat 12/15-lipoxygenase enzymes reveals critical role for spinal eLOX3 hepoxilin synthase activity in inflammatory hyperalgesia. FASEB J 2013-02-04 [PMID: 23382512]





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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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