

Product Datasheet

5-Lipoxygenase Antibody NB100-53782

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-53782

5-Lipoxygenase Antibody

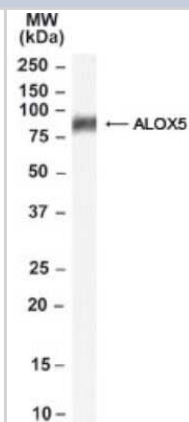
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	78 kDa

Product Description	
Host	Goat
Gene ID	240
Gene Symbol	ALOX5
Species	Human, Rat
Immunogen	Peptide with sequence C-ERNKKKQLPYYYYLSPD corresponding to C-Terminus according to NP_000689.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 85 kDa band observed in human bone marrow and rat stomach lysates (calculated MW of 77.7.0 kDa band according to rat NP_036954).

Images

Western Blot: 5-Lipoxygenase Antibody [NB100-53782] - (0.3ug/ml) staining of Rat Stomach lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Dulin J N, Moore M L et al. The dual cyclooxygenase/5-lipoxygenase inhibitor licofelone attenuates p-glycoprotein-mediated drug resistance in the injured spinal cord. *J Neurotrauma* 2013-01-02 [PMID: 22947335] (IF/IHC, Rat)

Kalayci O, Birben E, Sackesen C et al. ALOX5 promoter genotype, asthma severity and LTC production by eosinophils. *Allergy* 2006-01-01 [PMID: 16364163]



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Products Related to NB100-53782

NBL1-07483	5-Lipoxygenase Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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