

Product Datasheet

5-Lipoxygenase [p Ser523] Antibody - Azide Free NB300-277

Unit Size: 0.1 ml

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

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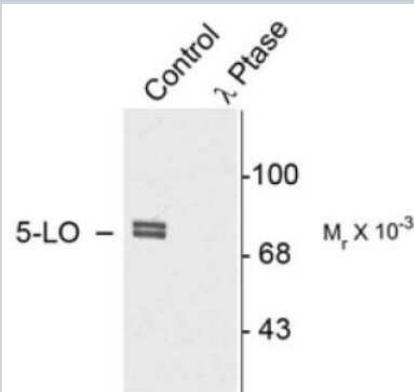


NB300-277**5-Lipoxygenase [p Ser523] Antibody - Azide Free**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	80 kDa
Product Description	
Host	Rabbit
Gene ID	240
Gene Symbol	ALOX5
Species	Human, Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~80 kD 5-Lipoxygenase phosphorylated at Ser523 in Western blots. Immunolabeling is completely eliminated by blot treatment with lambda phosphatase (lambda-phosphatase, 1200 units for 30 min).
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser523 conjugated to KLH. Accession # P09917
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000

Images

Western Blot: 5-Lipoxygenase [p Ser523] Antibody [NB300-277] - Western blot of rat cortex lysate showing specific immunolabeling of the ~80k doublet of 5-LO phosphorylated at Ser523 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: lambda-Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the 5-LO Ser523 antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.





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Products Related to NB300-277

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-58748PEP	5-Lipoxygenase Antibody Blocking Peptide

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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