

Anti-5-Lipoxygenase (Ser523) Antibody



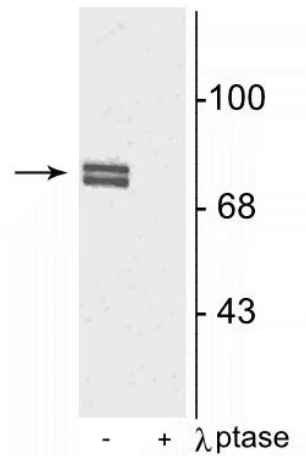
Pooled Serum

Product Details

Available Variants	100 µL (SKU:p175-523) 25 µL (SKU:p175-523t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ALOX5
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide corresponding to amino acid residues surrounding Ser523 of human 5-lipoxygenase (5-LO), conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~80 kD 5-LO phosphorylated at Ser523 in Western blots. Immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ-phosphatase, 1200 units for 30 min).
Molecular Weight	80 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492028
UniProt ID	<u>P09917</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Non-Human Primate
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser523
NCBI Gene ID	240

Product Images



Western blot of rat cortical lysate showing specific immunolabeling of the ~80 kDa doublet of 5-LO phosphorylated at Ser523 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ-Ptase, 1200 units for 30 min).

Product Page URL: www.antibodiesinc.com/products/anti-5-lipoxygenase-ser523-antibody-p175-523

