

Anti-Phospho-ALOX5-Ser272 antibody (220-300) (STJ90875)

STJ90875

GENERAL INFORMATION

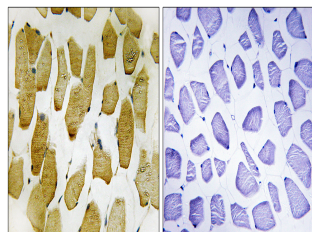
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Polyunsaturated Fatty Acid 5-Lipoxygenase-Ser272 (220-300) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

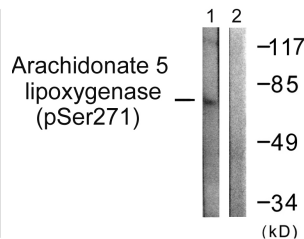
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution	WB 1:500-1:2000
Range	IHC 1:100-1:300 ELISA 1:10000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

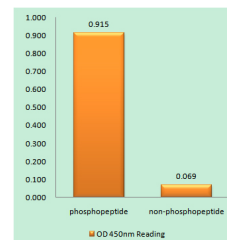
Gene ID	240
Gene Symbol	ALOX5
Uniprot ID	LOX5_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Arachidonate 5 Lipoxygenase around the phosphorylation site of Ser271 at amino acid range 246-295
Immunogen Region	220-300
Specificity	Phospho-ALOX5-Ser272 polyclonal antibody (Polyunsaturated Fatty Acid 5-Lipoxygenase) binds to endogenous Polyunsaturated Fatty Acid 5-Lipoxygenase at the amino acid region 220-300 only when phosphorylated at Ser272.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle, using Arachidonate 5 Lipoxygenase (Phospho-Ser271) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells, using Arachidonate 5 Lipoxygenase (Phospho-Ser271) Antibody. The lane on the right is blocked with the phospho peptide.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Arachidonate 5 Lipoxygenase (Phospho-Ser271) Antibody