

Phospho-ALOX5 (Ser272) Polyclonal Antibody

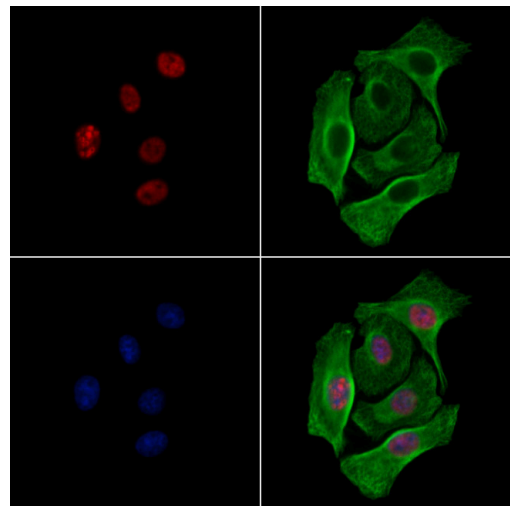
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ALOX5(Accession P09917), corresponding to amino acid residues around phosphorylated Ser272.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816615

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

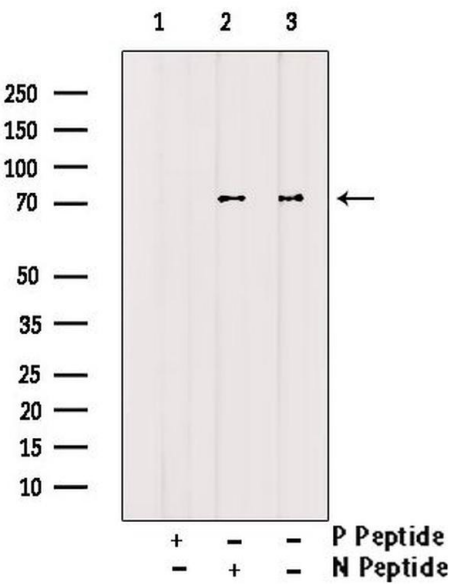
Antibody detects endogenous levels of 5 Lipoxygenase only when phosphorylated at Ser272.

Product Images For Phospho-ALOX5 (Ser272) Polyclonal Antibody



Phospho-ALOX5 (Ser272) Antibody (PA5-105142) in ICC/IF

Immunocytochemistry analysis of Phospho-ALOX5 (Ser272) in HeLa cells (4h of LPS treatment). The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-ALOX5 (Ser272) polyclonal antibody (Product # PA5-105142) 1:200 and mouse anti-beta tubulin antibody (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).



Phospho-ALOX5 (Ser272) Antibody (PA5-105142) in WB

Western blot analysis of Phospho-ALOX5 (Ser272) in HUVEC cell lysate (Lane 1: treated with phospho-blocking peptide; Lane 2: treated with non-phospho-blocking peptide). Samples were incubated with Phospho-ALOX5 (Ser272) polyclonal antibody (Product # PA5-105142).

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