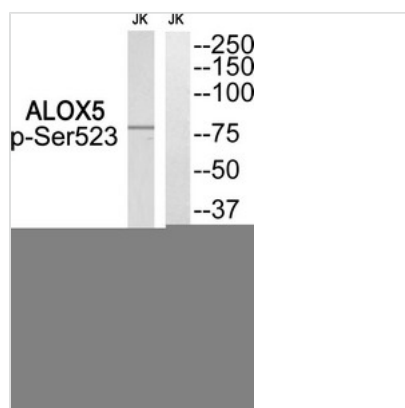


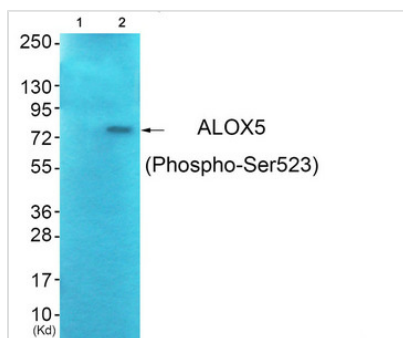
Phospho-ALOX5 (Ser523) Antibody

Product Code	CSB-PA555261
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P09917
Immunogen	Peptide sequence around phosphorylation site of serine 523 (R-K-S(p)-K-G) derived from Human ALOX5.
Raised In	Rabbit
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous levels of ALOX5 only when phosphorylated at serine523.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	5-lipoxygenase; 5-LO; 5-LOX; 5LPG; ALOX5; Arachidonate 5-lipoxygenase; arachidonic acid 5-lipoxygenase; leukotriene A4 synthase; LOG5; LOX5; MGC163204
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ALOX5

Image



Western blot analysis of extracts from Jurkat cells, using ALOX5 (Phospho-Ser523) antibody. The lane on the right is treated with the synthesized peptide.



Western blot analysis of extracts from JK cells (Lane 2), using ALOX5 (Phospho-Ser523) Antibody. The lane on the left is treated with synthesized peptide.

Product Modify

Phospho-Ser523