

# Anti- ALOX5 (Phospho-Ser523) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100390-01	50 µl
A100390-02	100 µl

<b>Specificity</b>	Anti- ALOX5 (Phospho-Ser523) (human rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P09917

**Other Names:** 5-lipoxygenase; 5-LO; 5-LOX; 5LPG; ALOX5; Arachidonate 5-lipoxygenase; arachidonic acid 5-lipoxygenase; leukotriene A4 synthase; LOG5; LOX5; MGC163204

## Specificity and Sensitivity

ALOX5 (Phospho-Ser523) Antibody detects endogenous levels of ALOX5 only when phosphorylated at serine523.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ALOX5 around the phosphorylation site of serine523.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000      ELISA: 1:5000

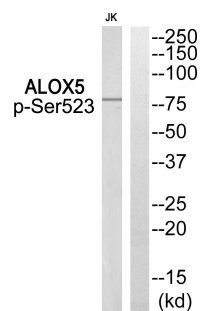
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Western blot analysis of extracts from Jurkat cells, using ALOX5 (Phospho-Ser523) Antibody.