



Datasheet for ABIN743543  
**anti-ALOX5 antibody (pSer663)**



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1 Image

Overview

Quantity:	100 µL
Target:	ALOX5
Binding Specificity:	pSer663
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from rat 5-Lipoxygenase around the phosphorylation site of Ser663
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to that of Ser664 in Mouse and Human.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

## Target Details

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Target:	ALOX5
Alternative Name:	5-Lipoxygenase ( <a href="#">ALOX5 Products</a> )
Background:	Synonyms: 5-LO, 5LPG, LOG5, 5-LOX, Arachidonate 5-lipoxygenase, 5-lipoxygenase, ALOX5 Background: Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.
Gene ID:	240
UniProt:	<a href="#">P09917</a>

## Application Details

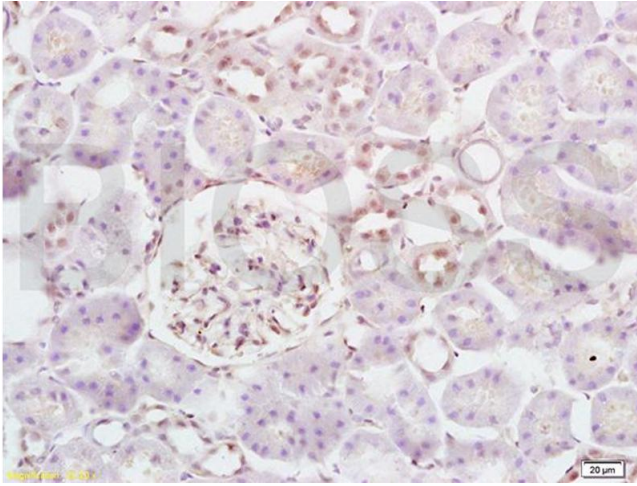
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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-Phospho-5-Lipoxygenase(Ser663) Polyclonal Antibody, Unconjugated (ABIN743543) at 1:200 followed by conjugation to the secondary antibody and DAB staining