

Datasheet for ABIN743552

anti-ALOX5 antibody (pSer663) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ALOX5
Binding Specificity:	pSer663
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, 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

Target:	ALOX5
Alternative Name:	5-Lipoxygenase (ALOX5 Products)
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:	P09917

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months