

Datasheet for ABIN669660

anti-ALOX5 antibody (AA 601-674) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ALOX5
Binding Specificity:	AA 601-674
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is conjugated to HRP
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Arachidonate 5-lipoxygenase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ALOX5
Alternative Name:	5 lipoxygenase (ALOX5 Products)

Target Details

Background:	Synonyms: 5LO, 5LX, 5-LO, 5-LOX, AI85497, F7311J2, Arachidonate 5-lipoxygenase, 5-lipoxygenase, Alox5 Background: Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.
Gene ID:	11689
UniProt:	P48999

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