

Datasheet for ABIN392385
anti-ALOX5AP antibody (AA 86-117)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ALOX5AP
Binding Specificity:	AA 86-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5AP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ALOX5AP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-117 amino acids from the Central region of human ALOX5AP.
Clone:	RB17169
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, M, Pig, Rb, Rat, Sh
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ALOX5AP
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Target Details

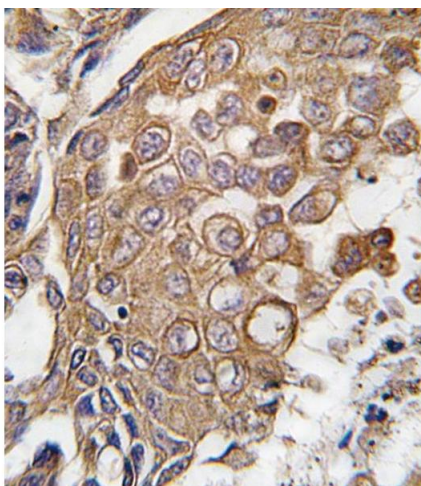
Alternative Name:	ALOX5AP (ALOX5AP Products)
Background:	<p>ALOX5AP is a protein which, with 5-lipoxygenase, is required for leukotriene synthesis.</p> <p>Leukotrienes are arachidonic acid metabolites which have been implicated in various types of inflammatory responses, including asthma, arthritis and psoriasis. This protein localizes to the plasma membrane. Inhibitors of its function impede translocation of 5-lipoxygenase from the cytoplasm to the cell membrane and inhibit 5-lipoxygenase activation.</p>
Molecular Weight:	18157
Gene ID:	241
NCBI Accession:	NP_001191335 , NP_001620
UniProt:	P20292

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

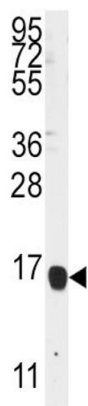
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ALOX5 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-ALOX5 Antibody (Center) 7897c in K562 cell line lysates (35 µg/lane). ALOX5(arrow) was detected using the purified Pab.