

Datasheet for ABIN360268
anti-ALOX5AP antibody (AA 94-124)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	ALOX5AP
Binding Specificity:	AA 94-124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5AP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94~124 amino acids selected from the Center region of Human ALOX5AP. Genename: ALOX5AP
Isotype:	Ig Fraction
Specificity:	This antibody recognizes ALOX5AP. Cellular Localization: Nucleus membrane. Endoplasmic reticulum membrane.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	ALOX5AP
---------	---------

Target Details

Alternative Name:	ALOX5AP / FLAP (ALOX5AP Products)
Background:	<p>Genetic variations in ALOX5AP may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367], also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors. Note=Genetic variations in ALOX5AP may be associated with susceptibility to myocardial infarction. Involvement in myocardial infarction is however unclear: according to some authors (PubMed:14770184), a 4-SNP haplotype in ALOX5AP confers risk of myocardial infarction, while according to other (PubMed:17304054) ALOX5AP is not implicated in this condition. Required for leukotriene biosynthesis by ALOX5 (5-lipoxygenase). Anchors ALOX5 to the membrane. Binds arachidonic acid, and could play an essential role in the transfer of arachidonic acid to ALOX5. Binds to MK-886, a compound that blocks the biosynthesis of leukotrienes.Synonyms: Arachidonate 5-lipoxygenase-activating protein, MK-886-binding protein</p>

Gene ID: 241, 9606

UniProt: [P20292](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

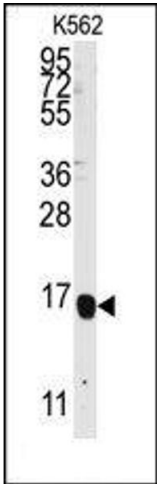


Image 1.

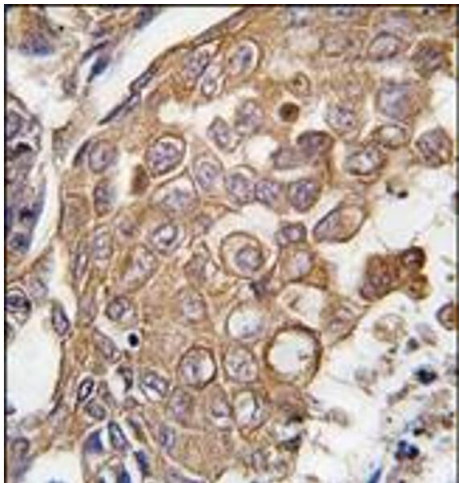


Image 2.