

Datasheet for ABIN5539680

anti-ALOX5AP antibody (Internal Region) (Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ALOX5AP
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALOX5AP antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FLAP / ALOX5AP (internal), Biotinylated
Sequence:	HKVEHESRTQ NGR.
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001620.2, NP_001191335.1).
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ALOX5AP
Alternative Name:	ALOX5AP (ALOX5AP Products)
Background:	ALOX5AP, arachidonate 5-lipoxygenase-activating protein, FLAP, MK-886-binding protein
Gene ID:	241
NCBI Accession:	NP_001620 , NP_001191335

Application Details

Application Notes:	Western Blot: Approx 16 kDa band observed in lysates of cell line U937 (calculated MW of 18.2 kDa according to NP_001620.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539680 (0.3µg/ml) staining of U937 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.