



ALOX5AP Antibody

CATALOG NUMBER: 45-241

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: This product has been successfully used in transfected HeLa: (Maier et al, Biochem Pharmacol. 2008 Oct 1;76(7):862-72.; PubMed: 18692027). Recommended concentration: 1-3ug/ml.
IMMUNOGEN:	ALOX5AP antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of ALOX5AP.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ALOX5AP antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ALOX5AP antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ALOX5AP, FLAP, arachidonate 5-lipoxygenase-activating protein, MK-886-binding protein, five-lipoxygenase activating protein
ACCESSION NO.:	NP_001620
PROTEIN GI NO.:	15718675
OFFICIAL SYMBOL:	ALOX5AP
GENE ID:	241

Background

REFERENCES:	1) Helgadóttir A, Manolescu A, Thorleifsson G, Gretarsdóttir S, Jonsdóttir H, Thorsteinsdóttir U, Samani NJ, Gudmundsson G, Grant SF, Thorgeirsson G, Sveinbjornsdóttir S, Valdimarsson EM, Matthiasson SE, Johannsson H, Gudmundsdóttir O, Gurney ME, Sainz J, Thorhallsdóttir M, Andresdóttir M, Frigge ML, Topol EJ, Kong A, Gudnason V, Hakonarson H, Gulcher JR, Stefansson K. The gene encoding 5-lipoxygenase activating protein confers risk of myocardial infarction and stroke. Nat Genet. 2004 Mar;36(3):233-9. Epub 2004 Feb 08.
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