

Datasheet for ABIN185698
anti-ALOX5 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	ALOX5
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Arachidonate 5-lipoxygenase
Immunogen:	Peptide with sequence C-ERNKKKQLPYYLSPD, from the C Terminus of the protein sequence according to NP_000689.1.
Sequence:	ERNKKKQLPY YYLSPD
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ALOX5
Alternative Name:	ALOX5 (ALOX5 Products)
Background:	Arachidonate 5-lipoxygenase, RP11-67C2.3, ALOX5, ALOX5, 5-LO, 5LPG, LOG5 , arachidonic acid 5-lipoxygenase, leukotriene A4 synthase,
Gene ID:	240, 11689, 25290
NCBI Accession:	NP_000689

Application Details

Application Notes:	Western Blot: Approx 85 kDa band observed in Human Bone Marrow and Rat Stomach lysates (calculated MW of 77.7.0 kDa according to rat NP_036954). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
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.



Image 1. ABIN185698 (0.3µg/ml) staining of Rat Stomach lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.