

Datasheet for ABIN1532500
anti-ALOX5 antibody (AA 246-295)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	ALOX5
Binding Specificity:	AA 246-295
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Arachidonate 5 Lipoxygenase.
Isotype:	IgG
Specificity:	Arachidonate 5 Lipoxygenase Antibody detects endogenous levels of total Arachidonate 5 Lipoxygenase protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ALOX5
---------	-------

Target Details

Alternative Name:	Arachidonate 5 Lipoxygenase (ALOX5 Products)
Background:	Synonyms: 5-lipoxygenase, ALOX5, Arachidonate 5-lipoxygenase, LOG5, LOX5 NCBI Gene Symbol: ALOX5
Molecular Weight:	77 kDa
Gene ID:	240
OMIM:	152390
UniProt:	P09917

Application Details

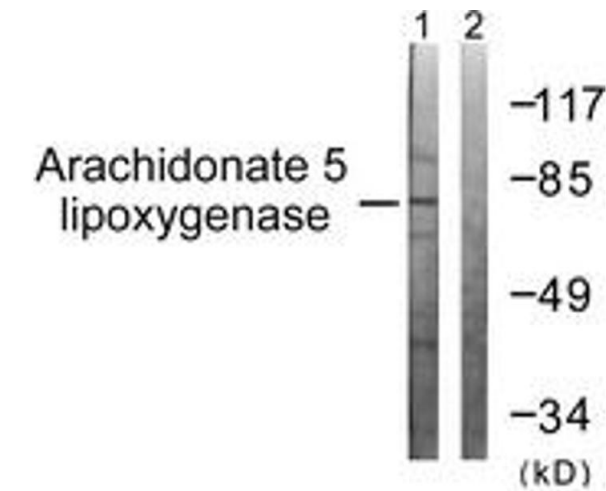
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.89499 (NCBI Gene Symbol: ALOX5)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

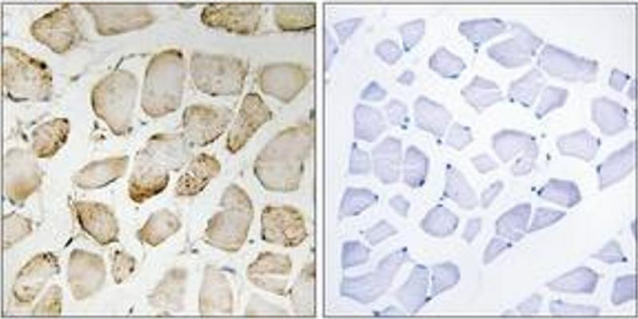
Publications

Product cited in:	Mancini, Ortiz, Croxatto, Gallo: "Retinal upregulation of inflammatory and proangiogenic markers in a model of neonatal diabetic rats fed on a high-fat-diet." in: BMC ophthalmology , Vol. 13, Issue 1, pp. 14, (2013) (PubMed).
-------------------	--



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells, using Arachidonate 5 Lipoxygenase (Ab-271) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Arachidonate 5 Lipoxygenase (Ab-271) Antibody. The picture on the right is treated with the synthesized peptide.