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Datasheet for ABIN882230

**anti-ALOX12 antibody (Alexa Fluor 350)**

## Overview

Quantity:	100 µL
Target:	ALOX12
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX12 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 12 Lipoxygenase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow
Purification:	Purified by Protein A.

## Target Details

Target:	ALOX12
Alternative Name:	Alox12/12 Lipoxygenase ( <a href="#">ALOX12 Products</a> )
Background:	Synonyms: 12 Lox, 12S lipoxygenase, 12S LOX, Alox 12, Alox12, Alox12L, Alox15, Arachidonate 12 lipoxygenase 12S type, Arachidonate 12 lipoxygenase, Arachidonate 12 lipoxygenase

## Target Details

leukocyte type, Arachidonate 12 lipoxygenase, 12S type, Arachidonate 12 lipoxygenase, leukocyte type, EC1.13.11.31, LOG 12, LOG12, Platelet type 12 lipoxygenase, Platelet type lipoxygenase 12, P-12-LOX.

Background: 12 Lipoxygenase is a non heme iron containing dioxygenase which stereospecifically incorporates molecular oxygen into cis,cis-1,4-pentadiene containing polyunsaturated fatty acids. Murine leukocyte 12 Lipoxygenase oxidizes arachidonic acid to 12(S)-HpETE and 15(S)-HpETE in a ratio of 3:1. Murine leukocyte 12 Lipoxygenase is a 75 kDa protein which is 58 % homologous to murine platelet 12 Lipoxygenase, and 70 % homologous to porcine leukocyte 12 Lipoxygenase.

Gene ID:	239
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 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:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months