

anti- 5 Lipoxygenase antibody

Product Information

Catalog No.:	CAF50001
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

ALOX5(arachidonate 5-lipoxygenase) is also named as LOG5, 5-LO and belongs to the lipoxygenase family. It catalyzes the first step in leukotriene biosynthesis, and plays a role in inflammatory processes. It is a 78 kDa iron-containing enzyme that translocates from the cytosol to associate with FLAP, and converts arachidonate in two steps into the unstable intermediate LTA4. It is essential for cysteinyl-leukotriene(cys-LT) production, critical mediators in asthma(PMID:12911785).

Immunogen information

Immunogen:	arachidonate 5-lipoxygenase
Synonyms:	5 Lipoxygenase, 5 LO, 5 LOX, 5LPG, ALOX5, LOG5
Observed MW:	68-78 kDa
Uniprot ID :	P09917

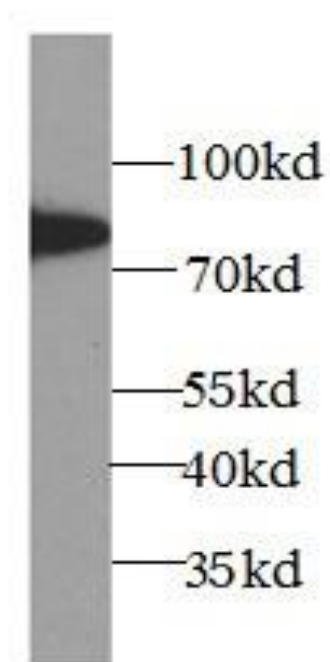
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IF, WB
Recommended dilution:	WB: 1:200-1:2000; IF: 1:20-1:100
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.

HL-60 cells were subjected to SDS PAGE followed by western blot with CAF50001(ALOX5 Antibody) at dilution of 1:600



ONLY

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