

Rabbit ALOX12B Polyclonal Antibody | anti-ALOX12B antibody

ALOX12B Rabbit pAb

CATALOG # AAA282166	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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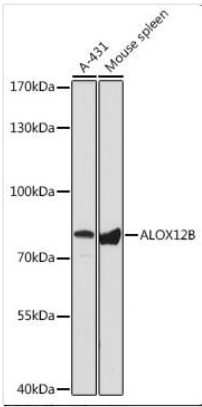
PRODUCT SYNONYMS

ALOX12B; Polyclonal Antibody; ALOX12B Rabbit pAb; 12R-LOX; ARCI2; 12R-type; anti-ALOX12B antibody

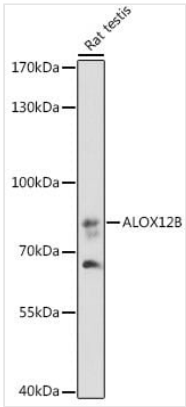
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid. PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Sequence	MATYKVRVAT GTDLLSGTRD SISLTIVGTQ GESHKQLLNH FGRDFATGAV GQYTVQCPQD LGELIIIRLH KERYAFFPKD PWYCNYVQIC APNGRIYHFP AYQWMDGYET LALREATGKT TADDSLPVLL EHRKEEIRAK QDFYHWRVFL PGLPSYVHIP SYRPPVRRHR NPNRPEWNGY IPGFPILINF KATKFLNLNL RYSFLKTASF FVRLGPMALA FKVRGLLDCK HSWKRLKDIR KIFPGKKSVM
Applicable Applications for anti-ALOX12B antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human ALOX12B (NP_001130.1).
Positive Samples	A-431, Mouse spleen, Rat testis
Research Area	Cell Biology & Developmental Biology, Cell Cycle Cell differentiation Endocrine & Metabolism Lipid Metabolism Lipases
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ALOX12B antibody (AAA282166) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



WB (Western Blot)
Western blot analysis of extracts of Rat testis, using ALOX12B antibody (AAA282166) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALOX12B antibody	This gene encodes an enzyme involved in the conversion of arachidonic acid to 12R-hydroxyeicosatetraenoic acid. Mutations in this gene are associated with nonbullous congenital ichthyosiform erythroderma.
Product Categories/Family for anti-ALOX12B antibody	Catalog Antibodies ; Polyclonal Antibodies ; Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502053
NCBI GeneID	242
NCBI Accession #	NP_001130.1
NCBI GenBank Nucleotide #	NM_001139.2
UniProt Accession #	O75342
Molecular Weight	80,356 Da
NCBI Official Full Name	arachidonate 12-lipoxygenase, 12R-type
NCBI Official Synonym Full Names	arachidonate 12-lipoxygenase, 12R type
NCBI Official Symbol	ALOX12B
NCBI Official Synonym Symbols	ARCI2; 12R-LOX
NCBI Protein Information	arachidonate 12-lipoxygenase, 12R-type; 12R-lipoxygenase; epidermis-type lipoxygenase 12
UniProt Protein Name	Arachidonate 12-lipoxygenase, 12R-type
UniProt Gene Name	ALOX12B
UniProt Synonym Gene Names	12R-LOX; 12R-lipoxygenase
UniProt Entry Name	LX12B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.