

DNAxPAb

Hard-to-Find
Antibody

ALOX12B DNAxPab

Catalog # H00000242-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALOX12B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MATYKVRVATGTDLLSGTRDSISLTIVGTQGESHKQLLNHFGRDFATGAVGQYTVQCPQDLGELIIIR LHKERYAFFPKDPWYCNVQICAPNGRIYHFPAYQWMDGYETLALREATGKTTADDSLPVLEHR KEEIRAKQDFYHWRVFLPGLPSYVHIPSYRPPVRRHRPNRPEWNGYIPGFPILINFKATKFLNLNL RYSFLKTASFFVRLGPMALAFKVRGLLDCKHSWKRLKDIRKIFPGKKSUVSEYVAEHWAEDTFFG YQYLNGVNPGLIRRCTRIPDKFPVTDDMVAPFLGEGTCLQAELEKGNMLADYRIMEGIPTVELSGR KQHHCAPLCLLHFGPEGKMMPIAQLSQTPGPDCEIFLPDSEWDWLLAKTWVRYAEFYSHEAIA HLLETHLIAEAFCLALLRNLPMCHPLYKLLIPHTRYTVQINSIGRAVLLNEGGLSAKGMSLGVEGFAG VMVRALSELTYDSL YLPNDFVERGVQDLPGYYRDDSLAVWNALEKYVTEIITYYPSDAAVEGDP ELQSWVQEIFKECLLGRESSGFPRCLRTVPELIRYVTVMYTCSAKHAAVNTGQMEFTAWMPNFP SMRNPPIQTKGLTTLETFTMDTLPDVKTTCITLLVLWTLSPREPDDRPLGHFPDIHFVEEAPRRSIEA FRQLNQISHDIRQRNKCLPIPYYYLDPVLIENSISI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (87)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ALOX12B

Entrez GeneID [242](#)

GeneBank Accession# [NM_001139.1](#)

Protein Accession# [NP_001130.1](#)

Gene Name ALOX12B

Gene Alias 12R-LOX

Gene Description arachidonate 12-lipoxygenase, 12R type

Omim ID [242100 603741](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations epidermis-type lipoxygenase 12

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Ichthyosiform Erythroderma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Stroke](#)