

DNAxPAb

Hard-to-Find
Antibody

ALOX15B DNAxPab

Catalog # H00000247-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALOX15B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEFRVRVSTGEAFGAGTWDKVSIVGTRGESPPPLPLDNLGKEFTAGAEEDFQVTLPEDVGR VLLLRVHKAPPVLP LLGPLAPDAWFCRWFQLTPPRGGHLLFPCYQWLEGAGTLVLQEGTAKVS WADHHPVLQQQRQEELQARQEMYQWKAYNPGWPHCLDEKTVEDLELNKYSTAKNANFYLQAG SAFAEMKIKGLLDRKGLWRSLNEMKRIFNFRRTPAAEHAFEHWQEDAFFASQFLNGLNPVLIRRC HYLPKNFPVTDAMVASVLGPGTSLQAELEKGSFLVDHGILSGIQTNVINGKPPQFSAAPMTLLYQS PGCGPLLPLAIQLSQTPGPNSPIFLPTDDKWDWLLAKTWVRNAEFSFHEALTHLLSHLLPEVFTL ATLRQLPHCHPLFKLLIPHTRYTLHINTLARELLIVPGQVVDRSTGIGIEGFSELIQRNMKQLNYSLLCL PEDIRTRGVEDIPGYYYRDDGMQWGAVERFVSEIIGIYPSDESVDRELQAWVREIFSKGFLNQ ESSGIPSSLETREALVQYVTMVFITCSAKHAAVSAGQFDSCAWMPNLPPSMQLPPPTSKGLATC EGFIATLPPVNATCDVILALWLLSKEPGDQRPLGTYPDEHFTEEAPRRSIATFQSRLAQISRGIER NRGLVLPYTYLDPPLIENSVSI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (81)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

- Western Blot (Transfected lysate)

[Protocol Download](#)

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

Gene Info — ALOX15B

Entrez GeneID [247](#)

GeneBank Accession# [BC035217.1](#)

Protein Accession# [AAH35217.1](#)

Gene Name ALOX15B

Gene Alias 15-LOX-2

Gene Description arachidonate 15-lipoxygenase, type B

Omim ID [603697](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the lipoxygenase family of structurally related nonheme iron diox ygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts ar achidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic a cid less effectively. This gene is located in a cluster of related genes and a pseudogene that span s approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcrip t variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations 15S-lipoxygenase|OTTHUMP00000135321|arachidonate 15-lipoxygenase 2|arachidonate 15-lip oxygenase, second type|arachidonate omega(6) lipoxygenase

Pathway

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

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)