

DNAxPAb

Hard-to-Find
Antibody

FADS1 DNAxPab

Catalog # H00003992-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FADS1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPDPVAAETA AQGPTPRYFTWDEVAQRSGCEERWLVIDRKVYNISEFTRRHPGGSRVISHYAG QDATDPFVAFHINKGLVKYMNSSLIGELSP EQPSFEPTKNKELTDEFREL RATVERMGLMKANH VFFLLYLLHILLDGA AWLTLWVFGTSFLPFLLC AVL SAVQAQAGWLQHDFGHLSVFSTSKWNH LLHHFVIGHLKGAPASWWNHMHFQHHAKPNCFRKDPDINMHPFFALGKILSVELGKQKKKYPY NHQHKYFFLIGPPALLPLYFQWYIFYFVIQRKKWVDLAWMITFYVRFFLTYPVLLGLKAFLGLFFVRF LESNWFVWVTQMNHIPMHIDHNRNMDWVSTQLQATCNVHKSAFNDWFSGHLNFQIEHHLFPTM PRHNYHKVAPLVQSLCAKHGIEYQSKPLLSAFADIIHSLKESGQLWLDAYLHQ
Host	Rabbit
Reactivity	Human
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 — FADS1

Entrez GeneID	3992
GeneBank Accession#	NM_013402.3
Protein Accession#	NP_037534.2
Gene Name	FADS1
Gene Alias	D5D, FADS6, FADSD5, FLJ38956, FLJ90273, LLCDL1, TU12
Gene Description	fatty acid desaturase 1
Omim ID	606148
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization. [provided by RefSeq]
Other Designations	delta(5) desaturase delta-5 desaturase delta-5 fatty acid desaturase linoleoyl-CoA desaturase (delta-6-desaturase)-like 1

Pathway

- [Biosynthesis of unsaturated fatty acids](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)

- [Coronary Artery Disease](#)
- [Depression](#)
- [Depressive Disorder](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemia](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Macular Degeneration](#)
- [Neoplasms](#)
- [Rhinitis](#)
- [Syndrome](#)