

Rabbit FADS2 Polyclonal Antibody | anti-FADS2 antibody

FADS2 Polyclonal Antibody

CATALOG # AAA280758	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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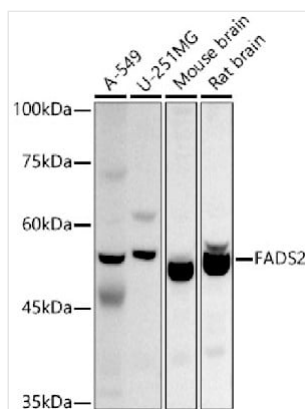
PRODUCT SYNONYMS

FADS2; Polyclonal Antibody; FADS2 Polyclonal Antibody; D6D; DES6; FADSD6; LLCDL2; SLL0262; TU13; anti-FADS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	444
Applicable Applications for anti-FADS2 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-131 of human FADS2 (NP_004256.1).
Species Reactivity/Crossreactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FADS2 antibody (AAA280758) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-FADS2 antibody	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 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-FADS2 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	74762131
NCBI GeneID	9415
UniProt Accession #	O95864; Q6MZQ7; Q96H07; Q96SV8; Q9H3G3; Q9Y3X4; A8K2M6; B7Z634
Molecular Weight	Observed MW: 52kDa Calculated MW: 52kDa
NCBI Official Full Name	Fatty acid desaturase 2
NCBI Official Synonym Full Names	fatty acid desaturase 2
NCBI Official Symbol	FADS2
NCBI Official Synonym Symbols	D6D; DES6; TU13; FADSD6; LLCDL2; SLL0262
NCBI Protein Information	fatty acid desaturase 2
UniProt Protein Name	Fatty acid desaturase 2
UniProt Gene Name	FADS2
UniProt Synonym Gene Names	D6D; Delta(6) desaturase; Delta-6 desaturase

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.