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- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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FADS1 MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00003992-B02

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human FADS1 protein.

Immunogen: FADS1 (NP_037534.2, 1 a.a. ~ 444 a.a) full-length human protein.

Sequence:
 MAPDPVAAETA AQGPTPRYFTWDEVAQRSGCEERWLVDRKVNISEF
 TRRHPPGGSRVISHYAGQDATDPFVAFHINKGLVKKYMNSLLIGELSPEQP
 SFPTKNKELTDEFRELRATVERMGLMKANHVFLLYLLHILLDGAAWL
 TLWVFGTSFLPFLLCVLLSAVQAQAGWLQHDFGHLSVSTSKWNHLL
 HHFVIGHLKGPASWWNHMHFQHAKPNCFRKDPDINMHPFFFALGKILS
 VELGKQKKKYPYNHQHKYFFLIGPPALLPLYFQWYIFYFVIQRKKWVDL
 AWMITFYVRFLLTYVPLLGLKAFGLFFIVRFLESNWFVWVTQMNHMPHI
 DHDRNMDWVSTQLQATCNVHKSAFNDWFSGHLNFQIEHHLFPTMPRHN
 YHKVAPLVQSLCAKHGIEYQSKPLLSAFADIIHSLKESGQLWLDAYLHQ

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

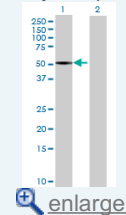
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

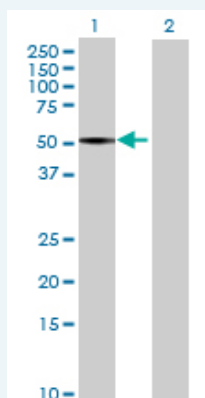
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of FADS1 expression in transfected 293T cell line (H00003992-T02) by FADS1 MaxPab polyclonal antibody.

Lane 1: FADS1 transfected lysate(48.84 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

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

Gene Pathway

[Biosynthesis of unsaturated fatty acids](#)

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