

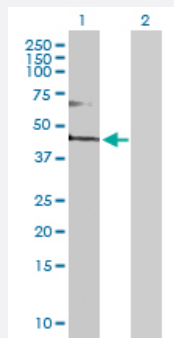
MaxPab®

FADS3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003995-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FADS3 expression in transfected 293T cell line ([H00003995-T02](#)) by FADS3 MaxPab polyclonal antibody.

Lane 1: FADS3 transfected lysate(51.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FADS3 protein.

Immunogen

FADS3 (NP_068373.1, 1 a.a. ~ 445 a.a) full-length human protein.

Sequence

MGGVGEPGPREGPAQPGAPLPFCWEQIRAHDPGDKWLVIERRVYDISRWAQRHPGGSRLIG
HHGAEDATDAFRAFHQDLNFVRKFLQPLLIGELAPEEPSQDGPLNAQLVEDFRALHQAEDMKL
FDASPTFFAFLLGHILAMEVLAWLLMLLGPWVPSALAAFILASQAQSWCLQHDLGHASIFKKSW
WNHVAQKFVMGQLKGFSAHWWNFRHFQHHAKPNIFHKDPDVTVPVFLGESSVEYGKKKRRY
LPYNQQHLYFFLIGPPLTLVNFEVENLAYMLVCMQWADLLWAASFYARFFLSYLPFYGVPGVLLF
FVAVRVLESHWFVWITQMNHHPKEIGHEKHRDWSSQLAATCNVEPSLFTNWFSGHLNFQIEHHL
FPRMPRHNYSRVAPLVKSLCAKHGLSYEVKPFALTALVDVRSLLKSGDWLDAYLHQ

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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.

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[Protocol Download](#)

Gene Info — FADS3

Entrez GeneID [3995](#)

GeneBank Accession# [NM_021727.3](#)

Protein Accession# [NP_068373.1](#)

Gene Name FADS3

Gene Alias CYB5RP, LLCDL3

Gene Description fatty acid desaturase 3

Omim ID [606150](#)

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-9 fatty acid desaturase|delta-9-desaturase|linoleoyl-CoA desaturase (delta-9-desaturase)-like 3

Disease

- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Syndrome](#)