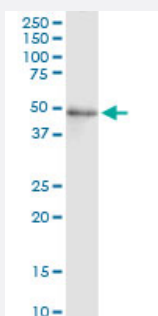


FADS3 monoclonal antibody (M07A), clone 3D2

Catalog # H00003995-M07A

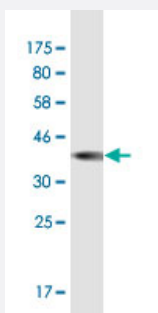
Size 200 uL

Applications



Western Blot (Tissue lysate)

FADS3 monoclonal antibody (M07A), clone 3D2. Western Blot analysis of FADS3 expression in human placenta.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FADS3.
Immunogen	FADS3 (NP_068373, 16 a.a. ~ 113 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PGAPLPTFCWEQIRAHDPGDKWLVIERRVYDISRWAQRHPGGSRLIGHGAEDATDAFRAFHQ DLNFVRKFLQPLLIGELAPEEPSQDGPLNAQLVE
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90); Rat (89)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

FADS3 monoclonal antibody (M07A), clone 3D2. Western Blot analysis of FADS3 expression in human placenta.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — FADS3

Entrez GeneID	3995
GeneBank Accession#	NM_021727
Protein Accession#	NP_068373
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](#)