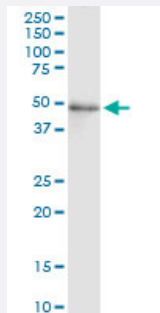


FADS3 monoclonal antibody (M07), clone 3D2

Catalog # H00003995-M07

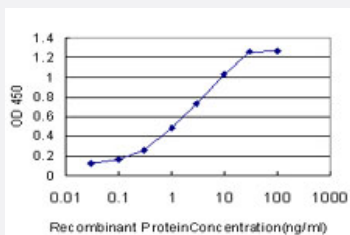
Size 50 ug

Applications



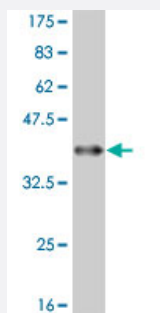
Western Blot (Tissue lysate)

FADS3 monoclonal antibody (M07), clone 3D2. Western Blot analysis of FADS3 expression in human placenta.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FADS3 is approximately 0.1ng/ml as a capture antibody.



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	PGAPLPTFCWEQIRAHQDQPGDKWLVIERRVYDISRWAQRHPGGSLIGHHGAEDATDAFRAFHQDLNFVRKFLQPLLIGELAPEEPSQDGPLNAQLVE
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 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

FADS3 monoclonal antibody (M07), clone 3D2. Western Blot analysis of FADS3 expression in human placenta.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FADS3 is approximately 0.1ng/ml as a capture antibody.

[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	<p>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]</p>
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](#)