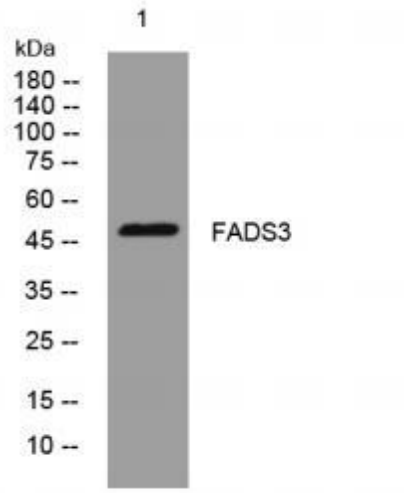
FADS3 mouse mAb

Catalog No	YP-mAb-11493
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	FADS3 CYB5RP
Protein Name	FADS3
Immunogen	Synthesized peptide derived from human FADS3 AA range: 60-110
Specificity	This antibody detects endogenous levels of FADS3 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Calculated Molecular Weight	49kD
Observed Band	
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Highly expressed in various organs and tissues including liver, kidney, brain, lung, pancreas, testis, ovary and skeletal muscle (at protein level).
Function	domain:The histidine box domains may contain the active site and/or be involved in metal ion binding.,similarity:Belongs to the fatty acid desaturase family.,similarity:Contains 1 cytochrome b5 heme-binding domain.,tissue specificity:Has been found in heart, liver, lung, uterus, and brainstem.,
Background	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, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4°over night