

CAB0178

Product Information

Product SKU:	CAB0178	Gene ID:	3992	Size:	20uL, 100uL
Clone No:	ARC2499	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	52kDa	Conjugate:	Unconjugated
Calculated MW:	52kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: D5D; TU12; FADS6; FADSD5; LLCDL1; FADS1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 50-150 of human FADS1 (O60427).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.