

FADS1 Antibody

Catalog No: #36457

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Description

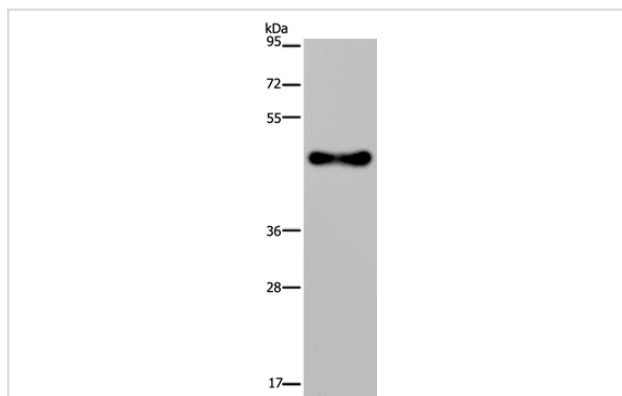
Product Name	FADS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FADS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human fatty acid desaturase 1
Target Name	FADS1
Other Names	D5D; TU12; FADS6; FADSD5; LLCDL1
Accession No.	Swiss-Prot#: O60427NCBI Gene ID: 3992Gene Accssion: BC007846
Uniprot	O60427
GeneID	3992;
SDS-PAGE MW	52kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:300

Images



Gel: 8%SDS-PAGE

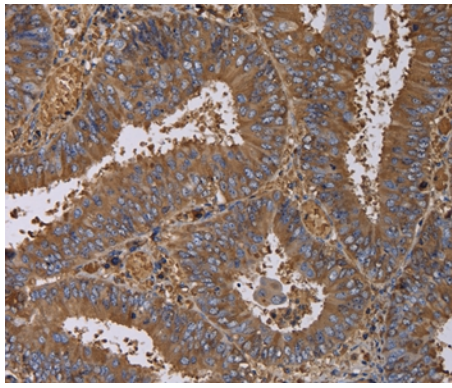
Lysates (from left to right): Human fetal brain tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/300 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36457 at dilution 1/60.

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.

Note: This product is for in vitro research use only