FADS1 Polyclonal Antibody

Catalog No. E-AB-11209

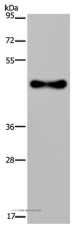
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human FADS1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

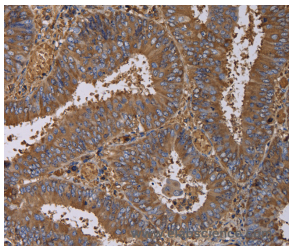
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300

Data

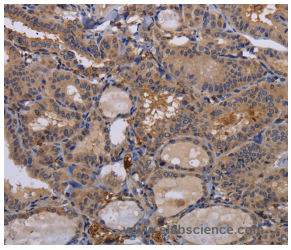


Western Blot analysis of Human fetal brain tissue using FADS1 Polyclonal Antibody at dilution of 1:300

Calculated Mw:52kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using FADS1 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human thyroid cancer using FADS1 Polyclonal Antibody at dilution of 1:60

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

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.

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