

TM7SF2 Polyclonal Antibody

Catalog Number:E-AB-16924



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

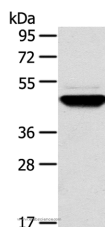
Description

Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human TM7SF2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

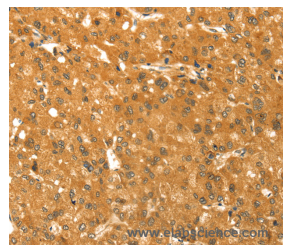
WB	1:500-1:2000
IHC	1:25-1:100

Data



Western Blot analysis of Human fetal brain tissue using TM7SF2 Polyclonal Antibody at dilution of 1:500

Calculated Mw:46kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using TM7SF2 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Transmembrane 7 superfamily member 2 (TM7SF2, Sterol C14-reductase, 3beta-hydroxysterol Delta-reductase) is a 418 amino acid gene product that belongs to the ERG4/ERG24 family. TM7SF2 is a seven pass transmembrane protein that can localize to the membrane of the endoplasmic reticulum. TM7SF2 is involved in the conversion of lanosterol to cholesterol and, specifically, catalyzes the NADPH dependant reduction of 4,4-dimethyl-5-alpha-cholesta-8,14,24-trien-3-beta-ol to 4,4-dimethyl-5-alpha-cholesta-8,24-dien-3-beta-ol and NADP+.

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