TM7SF2 Antibody

Catalog No: #40251

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

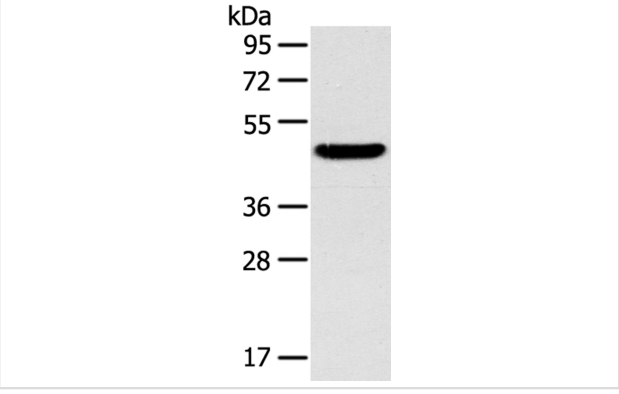
Product Name	TM7SF2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TM7SF2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human transmembrane 7 superfamily member 2
Target Name	TM7SF2
Other Names	ANG1; NET47; DHCR14A
Accession No.	Swiss-Prot:O76062Gene Accssion:NP_003264
Uniprot	O76062
GeneID	7108;
SDS-PAGE MW	46KD
Concentration	0.4 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

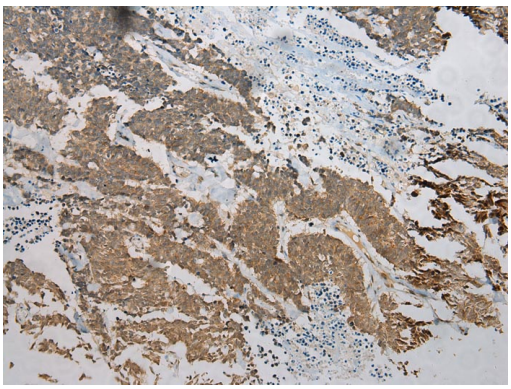
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:200

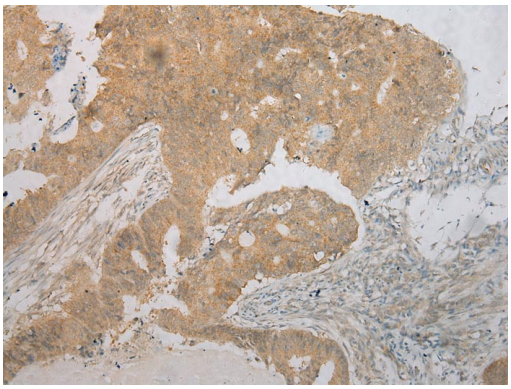
Images



Gel: 8%SDS-PAGE
Lysate: 40ug Mouse liver tissuePrimary antibody: 1/400 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human Lung cancer tissue using #40251 at dilution 1/100.



Immunohistochemical analysis of paraffin-embedded Human Colorectal cancer tissue using #40251 at dilution 1/100.

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+.

Note: This product is for in vitro research use only