



Tetraspanin-8 Polyclonal Antibody

Catalog No	YP-Ab-13966
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	TSPAN8
Protein Name	Tetraspanin-8
Immunogen	The antiserum was produced against synthesized peptide derived from human TSPAN8. AA range:96-145
Specificity	Tetraspanin-8 Polyclonal Antibody detects endogenous levels of Tetraspanin-8 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TSPAN8; TM4SF3; Tetraspanin-8; Tspan-8; Transmembrane 4 superfamily member 3; Tumor-associated antigen CO-029
Observed Band	26kD
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Gastric, colon, rectal, and pancreatic carcinomas.
Function	similarity:Belongs to the tetraspanin (TM4SF) family.,tissue specificity:Gastric, colon, rectal, and pancreatic carcinomas.,
Background	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008],



matters needing attention

Avoid repeated freezing and thawing!

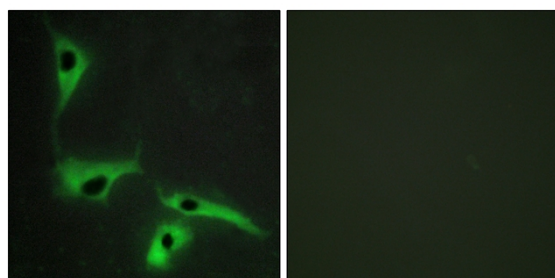
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

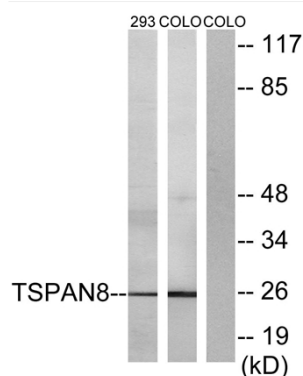
Products Images



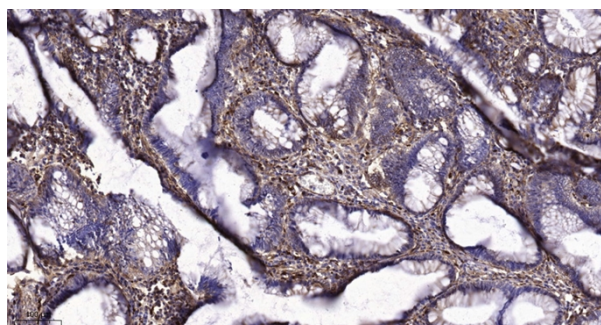
Western Blot analysis of various cells using Tetraspanin-8 Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of HeLa cells, using TSPAN8 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 and COLO cells, using TSPAN8 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human colon cancer. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).