



Tetraspanin-8 rabbit pAb

Cat No.:ES3583

For research use only

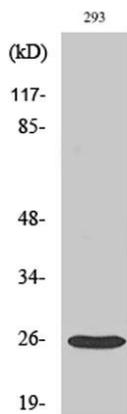
Overview

Product Name	Tetraspanin-8 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	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.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tetraspanin-8
Gene Name	TSPAN8
Cellular localization	Membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	26kD
Human Gene ID	7103
Human Swiss-Prot Number	P19075
Alternative Names	TSPAN8; TM4SF3; Tetraspanin-8; Tspan-8; Transmembrane 4 superfamily member 3; Tumor-associated antigen CO-029
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



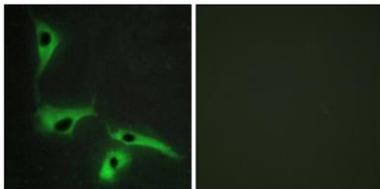


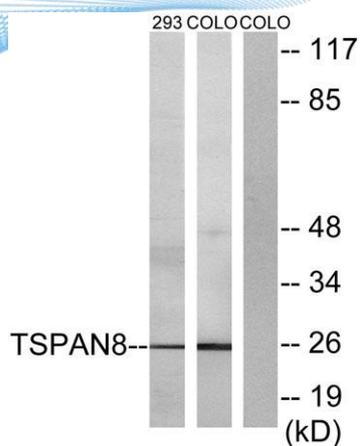
cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex 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],



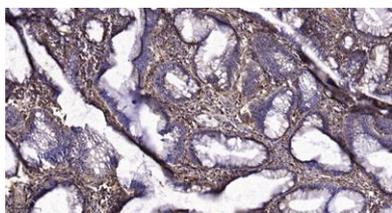
Western Blot analysis of various cells using Tetraspanin-8 Polyclonal Antibody diluted at 1:1000

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).

