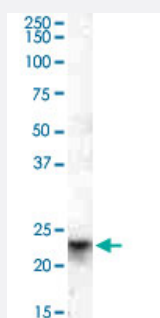


TSPAN8 polyclonal antibody

Catalog # PAB14142 Size 100 ug

Applications



Western Blot (Tissue lysate)

TSPAN8 polyclonal antibody (Cat # PAB14142) (0.01 ug/mL) staining of human colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TSPAN8.
Immunogen	A synthetic peptide corresponding to human TSPAN8.
Sequence	QRPCQSYNGKQVYKE
Host	Goat
Theoretical MW (kDa)	26
Reactivity	Human
Specificity	Approx 24 KDa band observed in human colon lysates (calculated MW of 26.0 KDa according to NP_004607.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:16000) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TSPAN8

Entrez GeneID	7103
Protein Accession#	NP_004607.1
Gene Name	TSPAN8
Gene Alias	CO-029, TM4SF3
Gene Description	tetraspanin 8
Omim ID	600769
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	transmembrane 4 superfamily member 3 tumor-associated antigen CO-029

Publication Reference

- [Association testing of novel type 2 diabetes risk alleles in the JAZF1, CDC123/CAMK1D, TSPAN8, THADA, ADAMTS9, and NOTCH2 loci with insulin release, insulin sensitivity, and obesity in a population-based sample of 4,516 glucose-tolerant middle-aged Danes.](#)

Grarup N, Andersen G, Krarup NT, Albrechtsen A, Schmitz O, Jorgensen T, Borch-Johnsen K, Hansen T, Pedersen O.

Diabetes 2008 Sep; 57(9):2534.

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