

Rabbit TSPAN4 Polyclonal Antibody | anti-TSPAN4 antibody

TSPAN4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199481	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

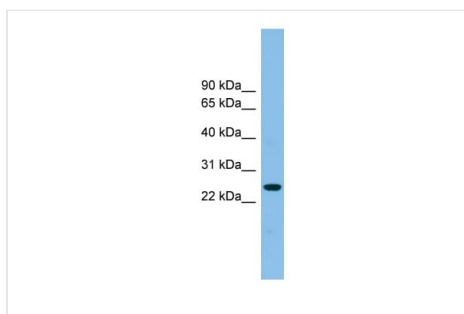
PRODUCT SYNONYMS

TSPAN4; Polyclonal Antibody; TSPAN4 antibody - middle region; anti-TSPAN4 antibody

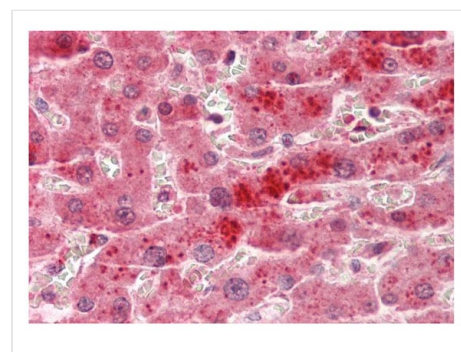
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YT DKIDRYAQD LKKGLHLYGT QGNVGLTNAW SIIQTDFRCC GVSNYTDW
Sequence Length	238
Applicable Applications for anti-TSPAN4 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 100%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TSPAN4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TSPAN4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-TSPAN4 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TSPAN4 antibody	This is a rabbit polyclonal antibody against TSPAN4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-TSPAN4 antibody	Polyclonal; Membrane Protein; Cell Biology; Developmental Biology; Signal Transduction; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	68799997
NCBI GeneID	7106
NCBI Accession #	NP_001020405
NCBI GenBank Nucleotide #	NM_001025234
UniProt Accession #	O14817
Molecular Weight	26kDa
NCBI Official Full Name	tetraspanin-4 isoform a
NCBI Official Synonym Full Names	tetraspanin 4
NCBI Official Symbol	TSPAN4
NCBI Official Synonym Symbols	NAG2; NAG-2; TM4SF7; TSPAN-4; TETRASPAN
NCBI Protein Information	tetraspanin-4
UniProt Protein Name	Tetraspanin-4
UniProt Gene Name	TSPAN4
UniProt Synonym Gene Names	NAG2; TM4SF7; Tspan-4; NAG-2
UniProt Entry Name	TSN4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tspan4-antibody-western-blot-elisa/199481>