

Datasheet for ABIN2773851
anti-TSPAN4 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TSPAN4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TSPAN4
Sequence:	YTDKIDRYAQ QDLKKGLHLY GTQGNVGLTN AWSIIQTDFR CCGVSNYTDW
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TSPAN4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TSPAN4
Alternative Name:	TSPAN4 (TSPAN4 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: NAG-2, NAG2, TETRASPAN, TM4SF7, TSPAN-4</p> <p>Protein Interaction Partner: NOTCH2NL, UBC, CD81, ITGA3, CLDN11, ITGA6, CD9, ITGB1, CD46,</p> <p>Protein Size: 238</p>
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Molecular Weight:	26 kDa
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Gene ID:	7106
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NCBI Accession:	NM_001025234 , NP_001020405
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UniProt:	O14817
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 238 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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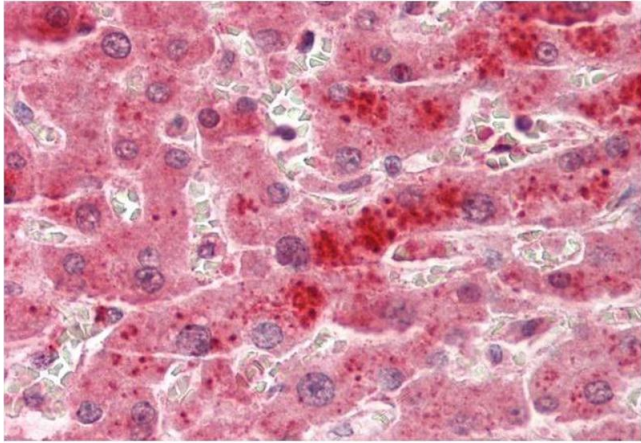
Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Handling

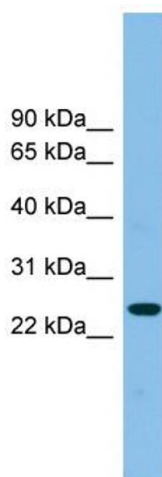
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-TSPAN4 antibody Catalog Number: ARP44756 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



Western Blotting

Image 2. WB Suggested Anti-TSPAN4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate