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Datasheet for ABIN2782647

anti-Tspan-8 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	Tspan-8 (TSPAN8)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tspan-8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TSPAN8
Sequence:	VFKSKSDRIV NETLYENTKL LSATGESEKQ FQEAIIVFQE EFKCCGLVNG
Predicted Reactivity:	Guinea Pig: 75%, Human: 100%, Mouse: 82%
Characteristics:	This is a rabbit polyclonal antibody against TSPAN8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Tspan-8 (TSPAN8)
Alternative Name:	TSPAN8 (TSPAN8 Products)

Target Details

Background: TSPAN8 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. TSPAN8 is a cell surface glycoprotein that is known to complex with integrins. TSPAN8 is expressed in different carcinomas. 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.

Alias Symbols: CO-029, TM4SF3

Protein Size: 237

Molecular Weight: 26 kDa

Gene ID: 7103

NCBI Accession: [NM_004616](#), [NP_004607](#)

UniProt: [P19075](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 237 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

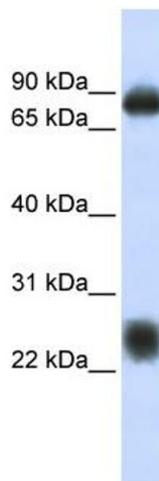
should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

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



Western Blotting

Image 1. WB Suggested Anti-TSPAN8 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain