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Datasheet for ABIN6149635
anti-TSPAN4 antibody (AA 107-201)

1 Image

Overview

Quantity:	100 µL
Target:	TSPAN4
Binding Specificity:	AA 107-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 107-201 of human TSPAN4 (NP_003262.1).
Sequence:	YTDKIDRYAQ QDLKKGLHLY GTQGNVGLTN AWSIIQTDFR CCGVSNYTDW FEVYNATRVP DSCCLEFSSES CGLHAPGTWW KAPCYETVKV WLQEN
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TSPAN4
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Target Details

Alternative Name: TSPAN4 ([TSPAN4 Products](#))

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 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.,TSPAN4,NAG-2,NAG2,TETRASPAN,TM4SF7,TSPAN-4,TSPAN4

Molecular Weight: 26 kDa

Gene ID: 7106

UniProt: [O14817](#)

Application Details

Application Notes: WB,1:1000 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

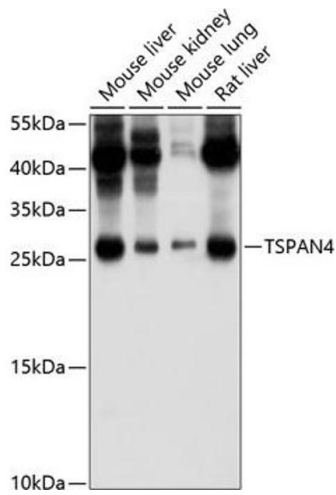
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TSP/NAG-2 antibody (ABIN6129688, ABIN6149635, ABIN6149636 and ABIN6214433) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.