

Datasheet for ABIN5532732
anti-TSPAN1 antibody (AA 140-167)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	TSPAN1
Binding Specificity:	AA 140-167
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TSPAN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-167 amino acids from the Central region of human TSPAN1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TSPAN1
Alternative Name:	TSPAN1 (TSPAN1 Products)
Background:	TSPAN1 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

Target Details

of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility.

Molecular Weight: 26 kDa

Gene ID: 10103

UniProt: [O60635](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:50~100

For FACS starting dilution is: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.3 mg/mL

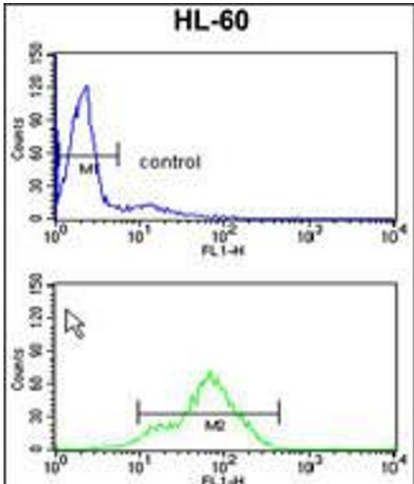
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

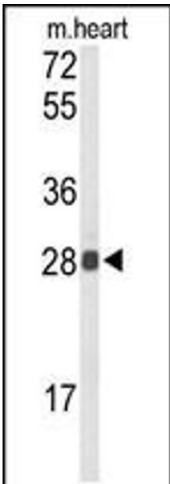
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



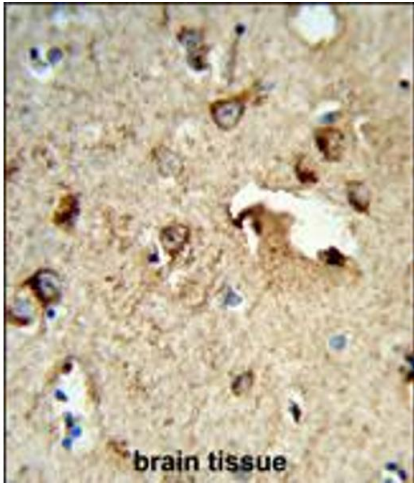
Flow Cytometry

Image 1. Flow cytometry analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of TSPAN1 Antibody in mouse heart tissue lysates (35ug/lane)



Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with TSPAN1 Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.