

Datasheet for ABIN651749

**anti-Tetraspanin 3 antibody (AA 90-117)****3** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Tetraspanin 3 (TSPAN3)
Binding Specificity:	AA 90-117
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This TSPAN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-117 amino acids from the Central region of human TSPAN3.
Clone:	RB26819
Isotype:	IgG
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Tetraspanin 3 (TSPAN3)
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## Target Details

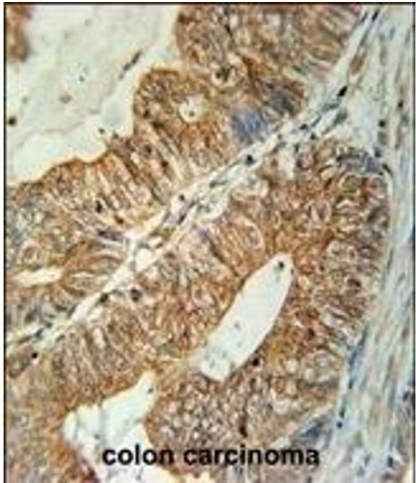
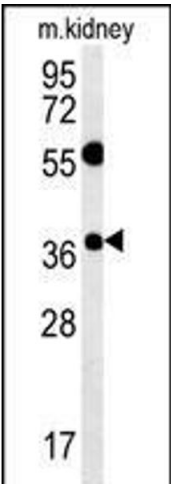
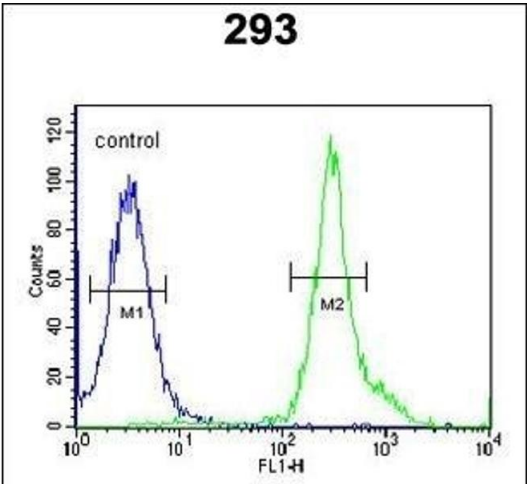
Alternative Name:	TSPAN3 ( <a href="#">TSPAN3 Products</a> )
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The use of alternate polyadenylation sites has been found for this gene.
Molecular Weight:	28018
Gene ID:	10099
NCBI Accession:	<a href="#">NP_001161884</a> , <a href="#">NP_005715</a> , <a href="#">NP_944492</a>
UniProt:	<a href="#">O60637</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** TSN3 Antibody (Center) (ABIN651749 and ABIN2840386) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** TSN3 Antibody (Center) (ABIN651749 and ABIN2840386) western blot analysis in mouse kidney tissue lysates (15 µg/lane). This demonstrates the TSN3 antibody detected TSN3 protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** TSN3 Antibody (Center) (ABIN651749 and ABIN2840386) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TSN3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.