



Datasheet for ABIN5708348

## anti-TSPAN12 antibody

### 5 Images



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	TSPAN12
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	A recombinant human partial protein corresponding to amino acids G111-R224 was used as the immunogen for the TSPAN12 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

### Target Details

Target:	TSPAN12
Alternative Name:	<a href="#">TSPAN12 (TSPAN12 Products)</a>
Background:	Tetraspanin-12 (Tspan-12) also known as tetraspan NET-2 (NET2) or transmembrane 4 superfamily member 12 (TM4SF12) is a tetraspanin protein that in humans is encoded by the TSPAN12 gene. 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

## Target Details

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

UniProt:

[095859](#)

## Application Details

Application Notes: Optimal dilution of the TSPAN12 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL,Direct ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

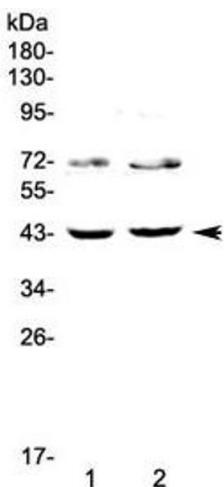
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

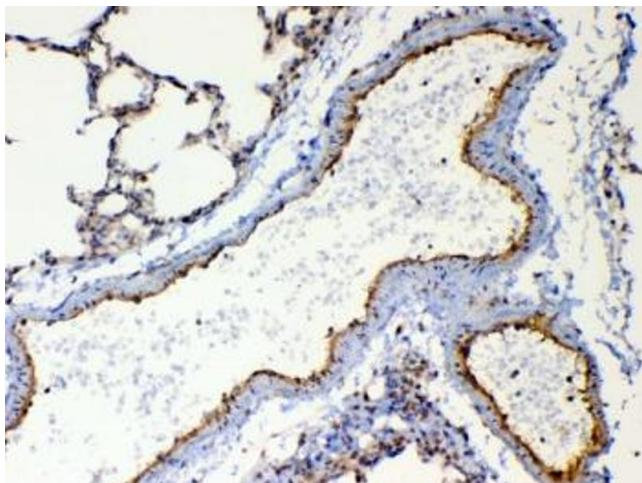
Storage Comment: After reconstitution, the TSPAN12 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



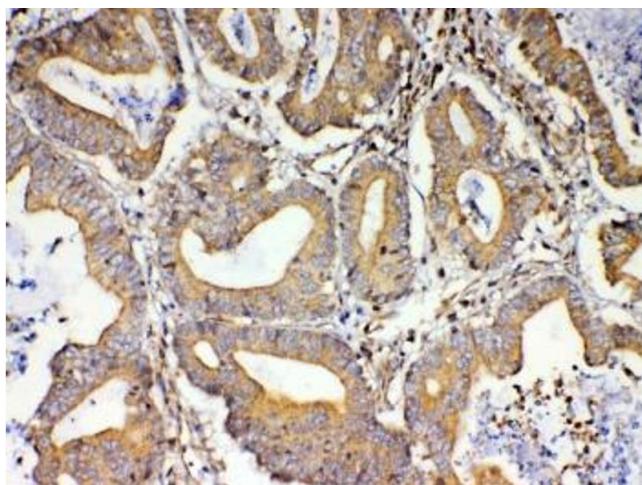
### Western Blotting

**Image 1.** Western blot testing of 1) human HeLa and 2) human SW620 cell lysate with TSPAN12 antibody at 0.5ug/ml. Predicted molecular weight ~35 kDa, may be observed at a higher MW due to glycosylation.



#### Immunohistochemistry

**Image 2.** IHC testing of FFPE rat lung tissue with TSPAN12 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



#### Immunohistochemistry

**Image 3.** IHC testing of FFPE human rectal cancer tissue with TSPAN12 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5708348.