

Datasheet for ABIN2856452  
**anti-Tetraspanin 3 antibody**



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Tetraspanin 3 (TSPAN3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human TSPAN3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to TSPAN3 (tetraspanin 3) TSPAN3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Tetraspanin 3 (TSPAN3)
Alternative Name:	tetraspanin 3 ( <a href="#">TSPAN3 Products</a> )

## Target Details

---

**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. Two alternative transcripts encoding different isoforms have been described.

Cellular Localization: Membrane, Multi-pass membrane protein

---

**Molecular Weight:** 28 kDa

---

**Gene ID:** 10099

---

**UniProt:** [O60637](#)

## Application Details

---

**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

---

**Comment:** Positive Control: 293T , A431 , HeLa , Mouse liver

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 mg/mL

---

**Buffer:** 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

---

**Preservative:** Thimerosal (Merthiolate)

---

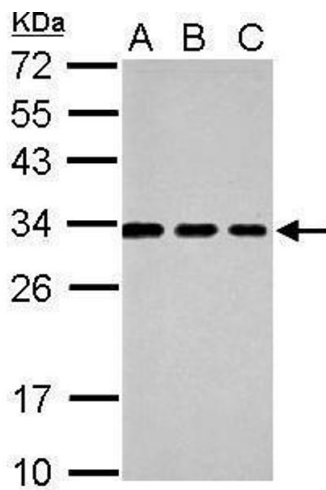
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

**Storage:** 4 °C,-20 °C

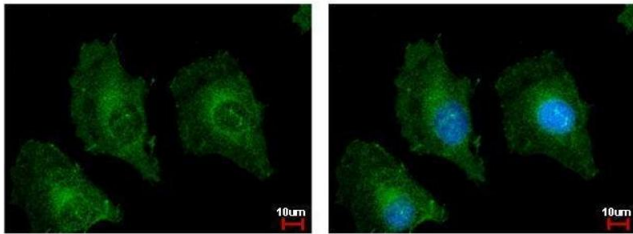
---

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



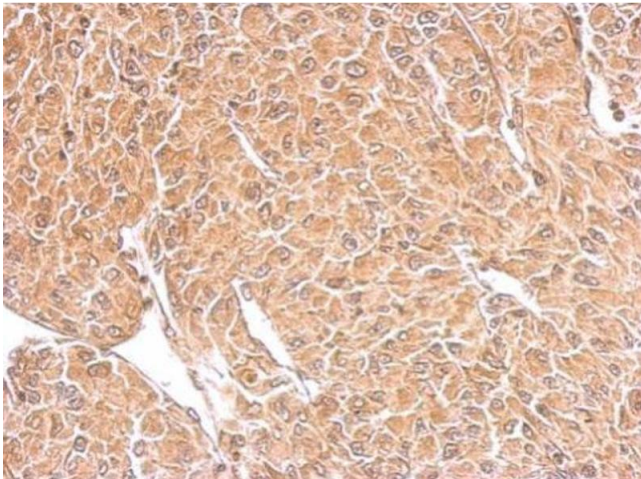
### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa 12% SDS PAGE antibody diluted at 1:1000



### Immunofluorescence

**Image 2.** ICC/IF Image TSPAN3 antibody detects TSPAN3 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: TSPAN3 protein stained by TSPAN3 antibody , diluted at 1:500. Blue: Hoechst 33342 staining.



### Immunohistochemistry

**Image 3.** IHC-P Image TSPAN3 antibody detects TSPAN3 protein at cytosol on U87 xenograft by immunohistochemical analysis. Sample: Paraffin-embedded U87 xenograft. TSPAN3 antibody , dilution: 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856452.