

## Anti-TPM2 antibody (1-100) (STJ25941)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

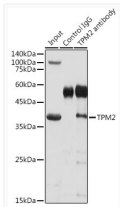
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/CC:1:50-1:100 IP:0.5 Mu g-4 Mu g antibody for 400 Mu g-600 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 36kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

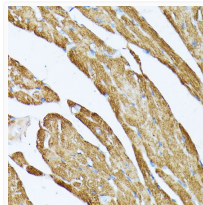
Gene ID	<a href="#">7169</a>
Gene Symbol	<a href="#">TPM2</a>
UniProt ID	<a href="#">TPM2_HUMAN</a>
Immunogen Region	1-100
Immunogen Sequence	MDAIKKMQMLKLDKENAID RAEQAEADKKQAEDRCKQLE EEQQALQKKLKGTEDEVEKY SESVKEAQEKLEQAEKKATD AEADVASLNRRRIQLVEEELD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TPM2 (NP_003280.2).

### ADDITIONAL INFORMATION

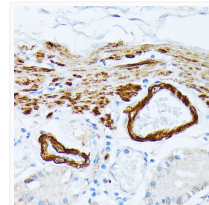
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



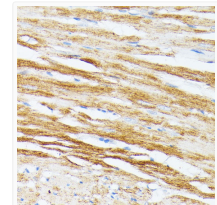
Immunoprecipitation analysis of 300 Mu g extracts of Mouse skeletal muscle cells using 3 Mu g TPM2 antibody (STJ25941). Western blot was performed from the immunoprecipitate using TPM2 antibody (STJ25941) at a dilution of 1:1000.



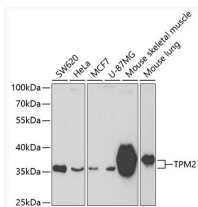
Immunohistochemistry analysis of TPM2 in paraffin-embedded mouse heart using TPM2 Rabbit polyclonal antibody (STJ25941) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TPM2 in paraffin-embedded human stomach using TPM2 Rabbit polyclonal antibody (STJ25941) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TPM2 in paraffin-embedded rat heart using TPM2 Rabbit polyclonal antibody (STJ25941) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using TPM2 Rabbit polyclonal antibody (STJ25941) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.