

TPM2 Antibody

CAB3096

Description

This TPM2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3096

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: DA1, DA2B, NEM4, TMSB, AMCD1, DA2B4, HEL-S-273, TPM2

Clone: -

Applications: **WB** **IHC-P** **IF/ICC** **IP** **ELISA**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 7169

Uniprot: AB_2764897

Host Species: Rabbit

Purification: Affinity purification

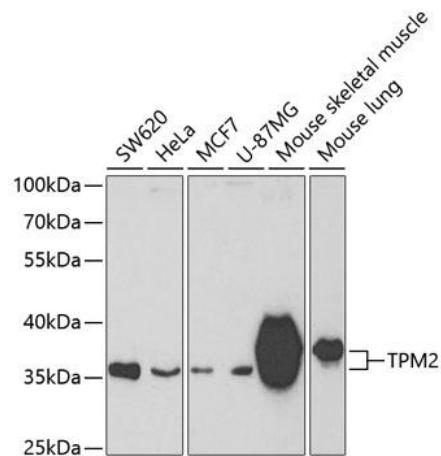
Observed MW: 36kDa

Calculated MW: 33kDa

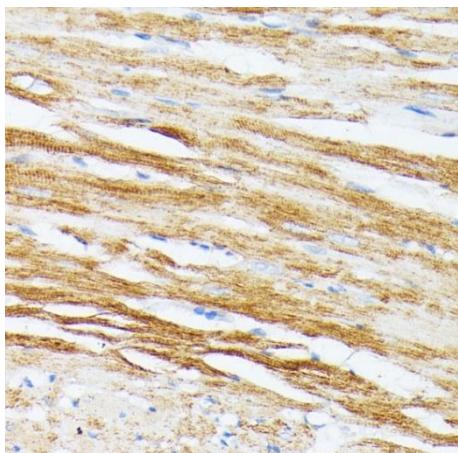
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.										
Positive Sample:	SW620, HeLa, MCF7, U-87MG, Mouse skeletal muscle, Mouse lung										
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:100</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:100</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 400µg-600µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:1000	IHC-P	1:50 - 1:100	IF/ICC	1:50 - 1:100	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol										

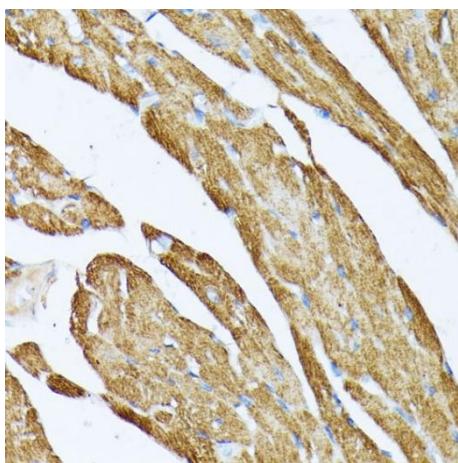
Validation Data



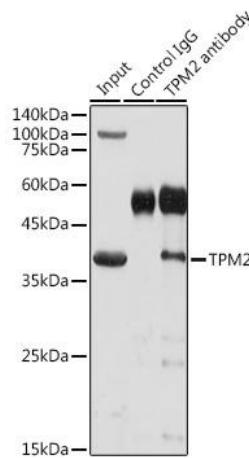
Western blot analysis of various lysates using Rabbit pAb (CAB3096) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat heart using Rabbit pAb (CAB3096) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using Rabbit pAb (CAB3096) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunoprecipitation analysis of 300 µg extracts of Mouse skeletal muscle cells using 3 µg antibody (CAB3096). Western blot was performed from the immunoprecipitate using antibody (CAB3096) at a dilution of 1:1000.