

## DATASHEET

# TPP2 Rabbit Polyclonal Antibody

CAT. NO. APA12892

### KEY FEATURES

Target	TPP2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Cytosolic tripeptidyl-peptidase that releases N-terminal tripeptides from polypeptides and is a component of the proteolytic cascade acting downstream of the 26S proteasome in the ubiquitin-proteasome pathway . It plays an important role in intracellular amino acid homeostasis . Stimulates adipogenesis .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:100

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to TPP2
Specificity	Recognizes endogenous levels of TPP2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TPP2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 138 kD; Observed: 138 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Tripeptidyl-peptidase 2; TPP-2; Tripeptidyl aminopeptidase; Tripeptidyl-peptidase II; TPP-II
Gene Symbol	TPP2
Entrez Gene	7174(Human); 22019(Mouse); 81815(Rat)
SwissProt	P29144(Human); Q64514(Mouse); Q64560(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

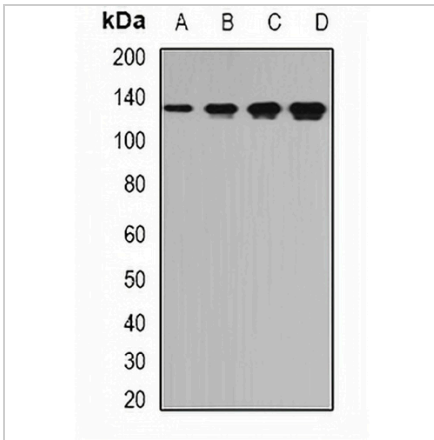
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

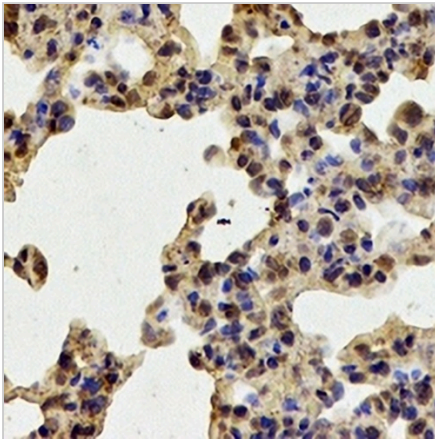
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**DATA**



Western blot analysis of TPP2 expression in Jurkat (A), SW620 (B), mouse brain (C), mouse spleen (D) whole cell lysates. (Predicted band size: 138 kD; Observed band size: 138 kD)



Immunohistochemical analysis of TPP2 staining in mouse lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.