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Anti-TPP2 Antibody

Catalog # AP61632

Product Information

Application	WB, IHC
Primary Accession	P29144
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	138350

Additional Information

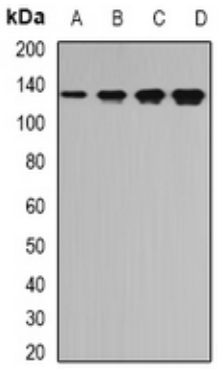
Gene ID	7174
Other Names	Tripeptidyl-peptidase 2; TPP-2; Tripeptidyl aminopeptidase; Tripeptidyl-peptidase II; TPP-II
Target/Specificity	Recombinant fusion protein of human TPP2
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

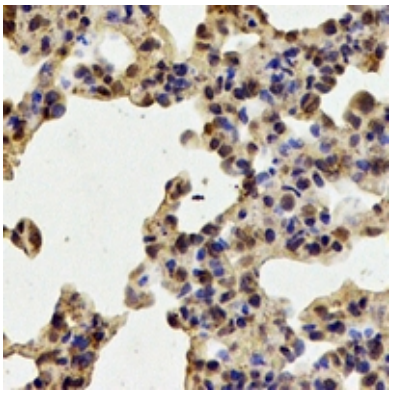
Name	TPP2
Function	Cytosolic tripeptidyl-peptidase that releases N-terminal tripeptides from polypeptides and is a component of the proteolytic cascade acting downstream of the 26S proteasome in the ubiquitin- proteasome pathway (PubMed:25525876, PubMed:30533531). It plays an important role in intracellular amino acid homeostasis (PubMed:25525876). Stimulates adipogenesis (By similarity).
Cellular Location	Cytoplasm. Nucleus. Note=Translocates to the nucleus in response to gamma-irradiation

Images

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.