

Datasheet for ABIN2790237
anti-Tpp2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Tpp2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tpp2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TPP2
Sequence:	GAPGMQVTTD GKPKIVDIID TTGSGDVNTA TEVEPKDGEI VGLSGRVLKI
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TPP2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Tpp2
Alternative Name:	TPP2 (Tpp2 Products)

Target Details

Background:	<p>This gene encodes a mammalian peptidase that, at neutral pH , removes tripeptides from the N terminus of longer peptides. The protein has a specialized function that is essential for some MHC class I antigen presentation. The protein is a high molecular mass serine exopeptidase, the amino acid sequence surrounding the serine residue at the active site is similar to the peptidases of the subtilisin class rather than the trypsin class.</p> <p>Alias Symbols: FLJ40359</p> <p>Protein Interaction Partner: PPP1R16A, POLB, EHHADH, SUMO2, UBC, TRIM47, PLOD2, PPP1R12A, UBD, CDK2, SIRT7,</p> <p>Protein Size: 1249</p>
Molecular Weight:	138 kDa
Gene ID:	7174
NCBI Accession:	NM_003291 , NP_003282
UniProt:	P29144

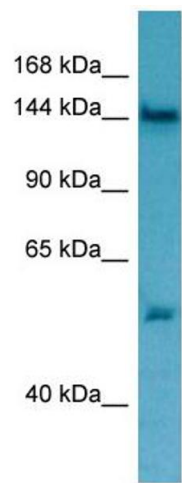
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1249 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-TPP2 Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell TPP2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells