

Rabbit anti-Human, Mouse LAP2 beta/TMPO Polyclonal Antibody | anti-LAP2beta/TMPO antibody

Rabbit anti-LAP2 beta/TMPO Antibody, Affinity Purified

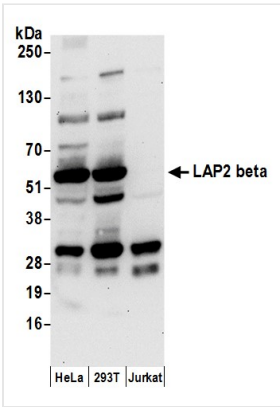
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212971	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

LAP2 beta/TMPO; Polyclonal Antibody; Rabbit anti-LAP2 beta/TMPO Antibody; Affinity Purified; TPRP isoform alpha; TPRP isoforms beta/gamma; TP beta/gamma; TP alpha; TP; thymopoietin-related peptide isoforms beta/gamma; thymopoietin-related peptide isoform alpha; Thymopoietin; isoforms beta/gamma; thymopoietin beta; thymopoietin; PRO0868; LEMD4; LEM domain containing 4; LAP2; CMD1T; lamina-associated polypeptide 2; Thymopoietin isoform alpha; Lamina-associated polypeptide 2; isoform alpha; anti-LAP2beta/TMPO antibody

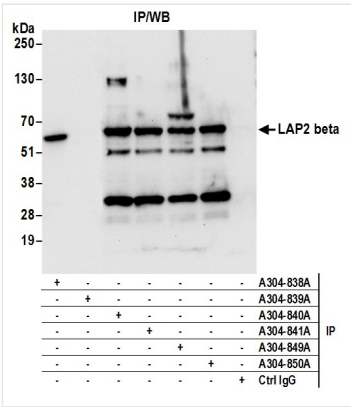
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LAP2beta/TMPO antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



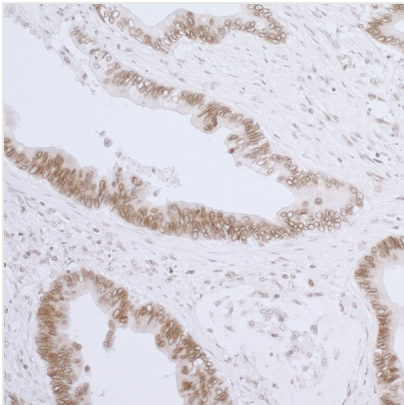
WB (Western Blot)

Detection of human LAP2 beta by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-LAP2 beta antibody AAA212971 (lot AAA212971-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



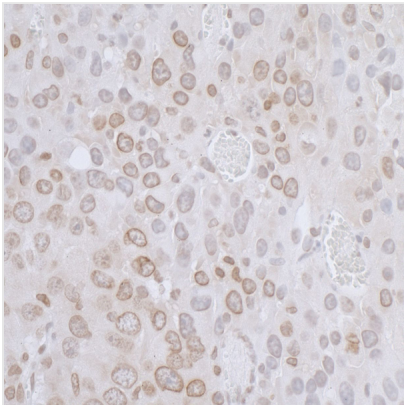
IP (Immunoprecipitation)

Detection of human LAP2 beta by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-LAP2 beta antibody AAA212971 (lot AAA212971-1) used for IP at 6 ug per reaction. LAP2 beta was also immunoprecipitated by rabbit anti-LAP2 alpha beta gamma antibody rabbit anti-LAP2 beta antibody and rabbit anti-LAP2 beta gamma antibodies and LAP2 beta was not immunoprecipitated by rabbit anti-LAP2 alpha antibody For blotting immunoprecipitated LAP2 beta, AAA212971 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human LAP2 beta/TMPO by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-L AP2 beta /TMPO (Cat. No. AAA212971 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse LAP2 beta/TMPO by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-L AP2 beta /TMPO (Cat. No. AAA212971 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-LAP2beta/TMPO antibody	LAP2 alpha beta gamma/TMPO may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane [taken from NCBI Entrez Gene (Gene ID: 7112)].
Product Categories/Family for anti-LAP2beta/TMPO antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507555
NCBI GeneID	7112
NCBI Accession #	NP_003267.1
NCBI GenBank Nucleotide #	NM_003276.2
UniProt Accession #	P42167; P08918; P08919; Q14860; Q16295; P42166

Molecular Weight	50,670 Da
NCBI Official Full Name	thymopoietin isoform alpha
NCBI Official Synonym Full Names	thymopoietin
NCBI Official Symbol	TMPO
NCBI Official Synonym Symbols	TP; LAP2; CMD1T; LEMD4; PRO0868
NCBI Protein Information	thymopoietin; TP alpha; TP beta/gamma; LEM domain containing 4; lamina-associated polypeptide 2; thymopoietin-related peptide isoform alpha; thymopoietin-related peptide isoforms beta/gamma
UniProt Protein Name	Lamina-associated polypeptide 2, isoforms beta/gamma
UniProt Gene Name	TMPO
UniProt Synonym Gene Names	LAP2; TP beta/gamma; TPRP isoforms beta/gamma; TP
UniProt Entry Name	LAP2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lap2-beta-tmpo-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212971>