

Rabbit anti-Human, Mouse TBP1 Polyclonal Antibody | anti-TBP1 antibody

Rabbit anti-TBP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212213	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TBP1; Polyclonal Antibody; Rabbit anti-TBP1 Antibody; Affinity Purified; 26S proteasome regulatory subunit 6A; TBP-1; proteasome subunit P50; Tat-binding protein 1; testicular secretory protein Li 42; human immunodeficiency virus tat transactivator binding protein-1; 26S proteasome AAA-ATPase subunit RPT5; 26S protease regulatory subunit 6A; proteasome (prosome; macropain) 26S subunit; ATPase; 3; Proteasome 26S subunit ATPase 3; proteasome 26S subunit; ATPase 3; anti-TBP1 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-TBP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, X. laevis
Immunogen	Between 389 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TBP1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, MCF-7, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TBP1 antibody (AAA212213 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of mouse TBP1 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TBP1 antibody (AAA212213 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human TBP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TBP1 antibody (AAA212213 lot 2) used for IP at 6 ug per reaction. TBP1 was also immunoprecipitated by a previous lot of this antibody (AAA212213 lot 1) and a second antibody against a different epitope of TBP1. For blotting immunoprecipitated TBP1, AAA212213 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human TBP1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-TBP1 (AAA212213 Lot 2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TBP1 antibody	Tat-binding protein 1 (TBP1) is a regulatory subunit (subunit 6A) of the 26S protease involved in the ATP-dependent degradation of ubiquitinated proteins. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex.
Product Categories/Family for anti-TBP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361144
NCBI GeneID	5702
NCBI Accession #	NP_002795.2
NCBI GenBank Nucleotide #	NM_002804.4
UniProt Accession #	P17980; Q3B757; Q3B865; Q53HU5; Q6GPG8; Q6IBS1; Q96HD3; B2R8V1
Molecular Weight	49,204 Da
NCBI Official Full Name	26S protease regulatory subunit 6A
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 3
NCBI Official Symbol	PSMC3
NCBI Official Synonym Symbols	TBP1
NCBI Protein Information	26S protease regulatory subunit 6A; TBP-1; Tat-binding protein 1; proteasome subunit P50; proteasome 26S subunit ATPase 3; 26S proteasome AAA-ATPase subunit RPT5; human immunodeficiency virus tat transactivator binding protein-1
UniProt Protein Name	26S protease regulatory subunit 6A
UniProt Gene Name	PSMC3
UniProt Synonym Gene Names	TBP1; TBP-1
UniProt Entry Name	PRS6A_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/tbp1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212213>