

Tbp7 Antibody
Rabbit mAb
Catalog # AP93167

Specification

Tbp7 Antibody - Product Information

Application	WB, ICC
Primary Accession	P43686
Reactivity	Rat
Clonality	Monoclonal
Other Names	
MIP224; PSMC4; RPT3; Tat binding protein 7; TBP 7;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47366 Da

Tbp7 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Tbp7
Description	The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Tbp7 Antibody - Protein Information

Name PSMC4

Synonyms MIP224, TBP7

Function

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMC4 belongs to the heterohexameric ring of AAA (ATPases associated with diverse cellular activities) proteins that unfolds ubiquitinated target proteins that are concurrently translocated into a proteolytic chamber and degraded into peptides.

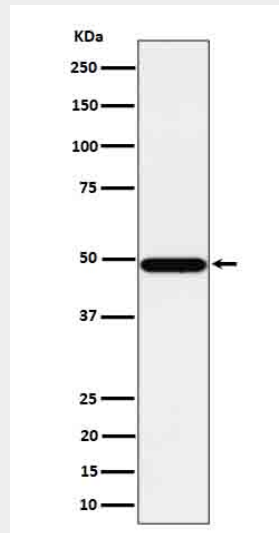
Cellular Location
Cytoplasm. Nucleus.

Tbp7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tbp7 Antibody - Images



Western blot analysis of Tbp7 expression in HeLa cell lysate.