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Tbp7 Antibody

Rabbit mAb
Catalog # AP93167

Product Information

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

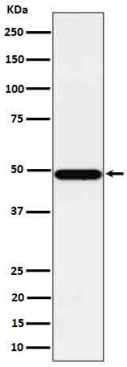
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200
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.

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.

Images



Western blot analysis of Tbp7 expression in HeLa cell lysate.

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