

Rabbit 20S Proteasome alpha3 Polyclonal Antibody | anti-PSMA3 antibody

20S Proteasome alpha3 (phospho Ser250) Polyclonal Antibody

CATALOG # AAA293973	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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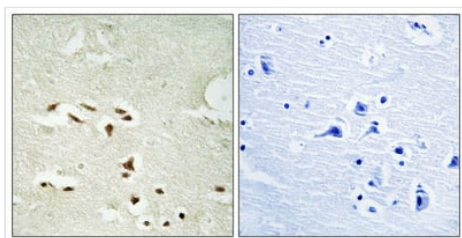
PRODUCT SYNONYMS

20S Proteasome alpha3; Polyclonal Antibody; 20S Proteasome alpha3 (phospho Ser250) Polyclonal Antibody; PSMA3; HC8; PSC8; Proteasome subunit alpha type-3; Macropain subunit C8; Multicatalytic endopeptidase complex subunit C8; Proteasome component C8; anti-PSMA3 antibody

PRODUCT SPECIFICATIONS

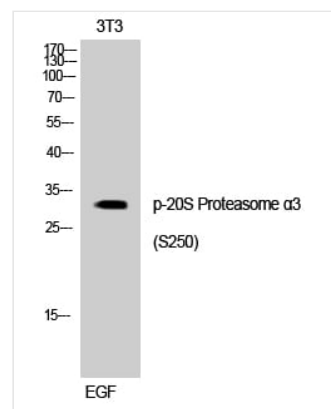
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PSMA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



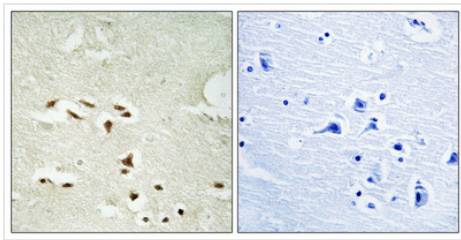
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

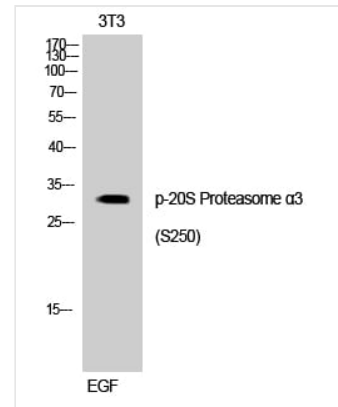


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.



IHC (Immunohistochemistry)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.



WB (Western Blot)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA3 antibody	Component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins that could impair cellular functions, and by removing proteins whose functions are no longer required. Associated with the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented antigenic peptides (20S-PA28 complex). Binds to the C-terminus of CDKN1A and thereby mediates its degradation. Negatively regulates the membrane trafficking of the cell-surface thromboxane A2 receptor (TBXA2R) isoform 2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506183
NCBI GeneID	5684
NCBI Accession #	NP_002779.1
NCBI GenBank Nucleotide #	NM_002788.3
UniProt Accession #	P25788; Q86U83; Q8N1D8; Q9BS70; B2RCK6
Molecular Weight	28,433 Da
NCBI Official Full Name	proteasome subunit alpha type-3 isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 3
NCBI Official Symbol	PSMA3
NCBI Official Synonym Symbols	HC8; PSC3
NCBI Protein Information	proteasome subunit alpha type-3; macropain subunit C8; proteasome subunit C8; proteasome component C8; multicatalytic endopeptidase complex subunit C8
UniProt Protein Name	Proteasome subunit alpha type-3
UniProt Gene Name	PSMA3
UniProt Synonym Gene Names	HC8; PSC8
UniProt Entry Name	PSA3_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/20s-proteasome-alpha3-antibody-immunohistochemistry-western-blot-elisa/293973>