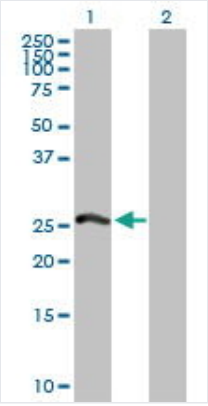
PSMA8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSMA8, Polyclonal Antibody
Full Product Name	PSMA8 (Proteasome Subunit alpha Type-7-like, PSMA7L, MGC26605) (AP)
Product Gene Name	anti-PSMA8 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PSMA8.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Molecular Weight	27,843 Da
3D Structure	ModBase 3D Structure for Q8TAA3
Immunogen	Full length human PSMA8, aa1-250 (NP_001020267.1).
Immunogen Sequence	MASRYDRAITVFSPDGHLFQVEYAQEAVKKGSTAVGIRGTNIVVLGVEKKSVAKLQDERTVRKICALDDHVCMAFAGLTADARVVINRARVECQSHKLTVE
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-PSMA8 antibody	Antibodies; Proteasomes
Applications Tested/Suitable for anti-PSMA8 antibody	Western Blot (WB)
Application Notes for anti-PSMA8 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PSMA8 antibody	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent
Other Notes	Small volumes of anti-PSMA8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for PSMA8 purchase	MBS6391099 is an antibody targeting PSMA8. Also known as PSMA8 (Proteasome Subunit alpha Type-7-like, PSMA7L, MGC26605) (AP). Reactive in



Western Blot (WB) of anti-PSMA8 antibody
Western Blot analysis of PSMA8 expression in transfected 293T cell line by PSMA8 polyclonal antibody. Lane 1: PSMA8 transfected lysate (27.8kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSMA8. It may not necessarily be applicable to this product.

NCBI GI #	68303563
NCBI GeneID	143471
NCBI Accession #	NP_001020267.1
UniProt Primary Accession #	Q8TAA3
UniProt Secondary Accession #	Q8IVP4; Q8TA98; Q8TAA2; B0YJ75
UniProt Related Accession #	Q8TAA3
GenBank Nucleotide #	NM_001025096.1
NCBI Official Full Name	proteasome subunit alpha type-7-like isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, alpha type, 8
NCBI Official Symbol	PSMA8
NCBI Official Synonym Symbols	PSMA7L
UniProt Protein Name	Proteasome subunit alpha type-7-like
Protein Family	Proteasome
UniProt Gene Name	PSMA8
UniProt Synonym Gene Names	PSMA7L
UniProt Entry Name	PSA7L_HUMAN
NCBI Protein Information	proteasome subunit alpha type-7-like

UniProt Comments for PSMA8	PSMA8: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This may be a testis-specific subunit. Belongs to the peptidase T1A family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.4.25.1; Protease; Proteasome complex Chromosomal Location of Human Ortholog: 18q11.2 Cellular Component: nucleus; cytosol Molecular Function: threonine endopeptidase activity Biological Process: positive regulation of ubiquitin-protein ligase activity during mitotic cell cycle; protein polyubiquitination; viral reproduction; apoptosis; antigen processing and presentation of exogenous peptide antigen via MHC class I, TAP-dependent; DNA damage response, signal transduction by p53 class mediator resulting in cell cycle arrest; regulation of apoptosis; antigen processing and presentation of peptide antigen via MHC class I; regulation of ubiquitin-protein ligase activity during mitotic cell cycle; anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic process; antigen processing and presentation of exogenous peptide antigen via MHC class I; gene expression; mitotic cell cycle; regulation of amino acid metabolic process; negative regulation of apoptosis
Research Articles on PSMA8	**1.** This article provides an overview of some of the components in the human 20 S proteasome.
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