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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PSMA7 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00005688-D01

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human PSMA7 protein.

Immunogen: PSMA7 (NP_002783.1, 1 a.a. ~ 248 a.a) full-length human protein.

Sequence:

MSYDRAITVFSPDGHLFQVEYAQEAVKKGSTAVGVRG
RDIVVLGVEKKSVAKLQDERTVRKICALDDNVCMFAFAG
LTADARIVINRARVEQCQSHRLTVEDPVTVEYITRYIASL
KQRYTQSNRRPFGISALIVGFDFDGTPLRYQTDPSPG
TYHAWKANAIGRGAKSREFLEKNYTDEAIETDDLTIKL
VIKALLEVVQSGGKNIELAVMRRDQSLKILNPEEIEKYV
AEIEKEKEENEKKKQKKAS

Host: Rabbit

Reactivity: Human, Mouse

Applications: IP, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5688

Gene Symbol: PSMA7

Gene Alias: C6, HSPC, MGC3755, RC6-1, XAPC7

Gene Summary: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta

subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. This particular subunit has been shown to interact specifically with the hepatitis B virus X protein, a protein critical to viral replication. In addition, this subunit is involved in regulating hepatitis virus C internal ribosome entry site (IRES) activity, an activity essential for viral replication. This core alpha subunit is also involved in regulating the hypoxia-inducible factor-1alpha, a transcription factor important for cellular responses to oxygen tension. Multiple isoforms of this subunit arising from alternative splicing may exist but alternative transcripts for only two isoforms have been defined. A pseudogene has been identified on chromosome 9. [provided by RefSeq]