

DNAxPAb

Hard-to-Find  
Antibody

# PSMD4 DNAxPab

Catalog # H00005710-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMD4 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MVLESTMVCVDNSEYMRNGDFLPTRLQAQQDAVNIVCHSKTRSNPENNVLITLANDCEVLTTLT PDTGRILSKLHTVQPKGKITFCTGIRVAHLALKHRQGKNHKMRIAFVGGSPVEDNEKDLVKLAKRLK KEKVNVDIINFGEEEVNTEKLTAFTVNTLNGKDGTSGLVTVPPGPSLADALISSPILAGEGGAMLGL GASDFEFGVDPSADPELALALRVSMEEQRQRQEEEARAAAAASAAEAGIATTGTEDSDDALLK MTISQQEFGRTGLPDLSSMTEEEQIAYAMQMSLQGAEEFGQAESADIDASSAMDTSEPAKEEDDY DVMQDPEFLQSVLENLPGVDPNNEAIRNAMGSLASQATKDGKKDKKEEDKK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — PSMD4

Entrez GeneID [5710](#)

GeneBank Accession# [NM\\_002810.2](#)

Protein Accession# [NP\\_002801.1](#)

Gene Name PSMD4

Gene Alias AF, AF-1, ASF, MCB1, Rpn10, S5A, pUB-R5

Gene Description proteasome (prosome, macropain) 26S subunit, non-ATPase, 4

Omim ID [601648](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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 one of the non-ATPase subunits of the 19S regulator lid. Pseudogenes have been identified on chromosomes 10 and 21. [provided by RefSeq]

**Other Designations**

26S protease subunit S5a|26S proteasome non-ATPase regulatory subunit 4|OTTHUMP00000014286|OTTHUMP00000059963|S5a/antisecretory factor protein|angiocidin|antisecretory factor 1|multiubiquitin chain binding protein|proteasome 26S non-ATPase subunit 4

## Pathway

- [Proteasome](#)