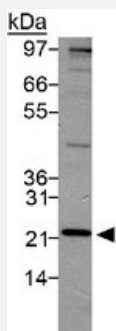


# PSMD10 polyclonal antibody

Catalog # PAB12056      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of PSMD10 in HeLa lysate using with PSMD10 polyclonal antibody (Cat # PAB12056).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of PSMD10.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 100-200 of human PSMD10.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Bovine, Human, Mouse, Pig, Rat, Zebra fish
<b>Form</b>	Liquid
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of PSMD10 in HeLa lysate using with PSMD10 polyclonal antibody (Cat # PAB12056).

## Gene Info — PSMD10

Entrez GeneID [5716](#)

Protein Accession# [O75832](#)

Gene Name PSMD10

Gene Alias dJ889N15.2, p28

Gene Description proteasome (prosome, macropain) 26S subunit, non-ATPase, 10

Omim ID [603480](#)

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 a non-ATPase subunit of the 19S regulator. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20. [provided by RefSeq]

**Other Designations**

26S proteasome non-ATPase regulatory subunit 10|26S proteasome regulatory subunit p28|OTTHUMP00000023827|OTTHUMP00000023828|ankyrin repeat protein|gankyrin|hepatocellular carcinoma-associated protein p28-III|proteasome 26S non-ATPase subunit 10