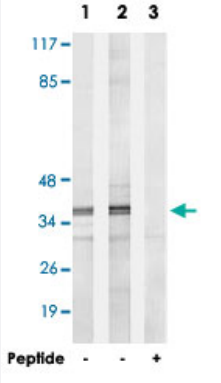
PSMD11 polyclonal antibody

Catalog # PAB17553 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells (Lane 1 and lane 3) and HepG2 cells (Lane 2), using PSMD11 polyclonal antibody (Cat # PAB17553). Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PSMD11.
Immunogen	A synthetic peptide corresponding to internal of human PSMD11.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of total PSMD11 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from 293 cells (Lane 1 and lane 3) and HepG2 cells (Lane 2), using PSMD11 polyclonal antibody (Cat # PAB17553).
  Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PSMD11

Entrez GeneID	5717
Protein Accession#	O00231
Gene Name	PSMD11
Gene Alias	MGC3844, Rpn6, S9, p44.5
Gene Description	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11
Omim ID	604449
Gene Ontology	Hyperlink
Gene Summary	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure compo sed 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 ar e distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ub iquitin-dependent process in a non-lysosomal pathway. An essential function of a modified protea some, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. [provided by RefSeq
Other Designations	26S proteasome regulatory subunit 9|proteasome 26S non-ATPase subunit 11

Pathway

- Proteasome

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