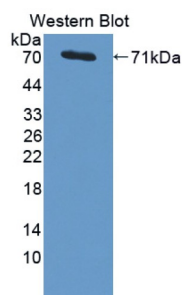
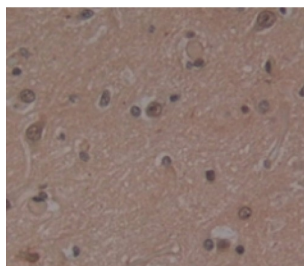


26S Proteasome Non-ATPase Regulatory Subunit 4 (PSMD4) Antibody

Catalogue No.: abx128466



Western blot analysis of the recombinant protein.



IHC-P analysis of Kidney tissue, with DAB staining.

Proteasome 26S Subunit, Non ATPase 4 Antibody is a Rabbit Polyclonal against Proteasome 26S Subunit, Non ATPase 4. 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.

Target: 26S Proteasome Non-ATPase Regulatory Subunit 4 (PSMD4)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 0.01-2 µg/ml, IHC: 5-20 µg/ml, IF/ICC: 5-20 µg/ml. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: PSMD4 (Met1-Lys377)

Datasheet

Version: 5.0.0
Revision date: 12 Aug 2025



Form:	Liquid
Purification:	Purified by antigen-specific affinity chromatography, followed by Protein A affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P55036 (UniProt , ExPASy)
Gene Symbol:	PSMD4
GeneID:	5710
OMIM:	601648
NCBI Accession:	NP_002801.1, NM_002810.2
HGNC:	9561
KEGG:	hsa:5710
Ensembl:	ENSG00000159352
String:	9606.ENSP00000357879
Buffer:	0.01 M PBS, pH 7.4, containing 0.05% Proclin-300, 50% glycerol.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.