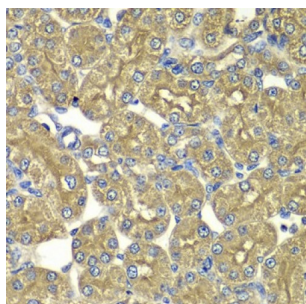


26S Proteasome Non-ATPase Regulatory Subunit 5 (PSMD5) Antibody

Catalogue No.: abx006865



Immunohistochemistry of paraffin-embedded Rat kidney using PSMD5 Antibody (1/100 dilution, 40x lens).

PSMD5 Antibody is a Rabbit Polyclonal Antibody against PSMD5. 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. This gene encodes a non-ATPase subunit of the 19S regulator base that functions as a chaperone protein during 26S proteasome assembly.

Target:	26S Proteasome Non-ATPase Regulatory Subunit 5 (PSMD5)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PSMD5
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 20 Mar 2025



UniProt Primary AC: Q16401 ([UniProt](#), [ExPASy](#))

Gene Symbol: PSMD5

GeneID: [5711](#)

OMIM: [604452](#)

NCBI Accession: NP_001257356.1, NM_001270427.1, NP_005038.1, NM_005047.3

HGNC: 9563

KEGG: hsa:5711

Ensembl: ENSG00000095261

String: [9606.ENSP00000210313](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.