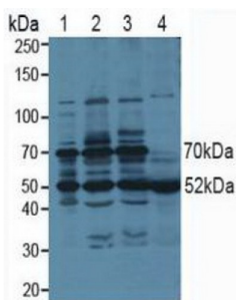
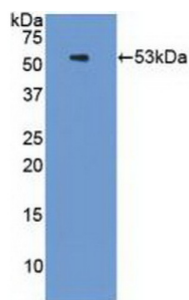


## 26S Proteasome Regulatory Subunit 6A (PSMC3) Antibody

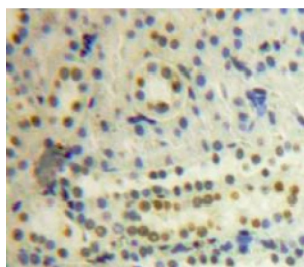
Catalogue No.: abx103499



Western blot analysis of (1) Human 293T cells, (2) Human HeLa cells, (3) Human HepG2 cells and (4) Human Saliva Tissue.



Western blot analysis of recombinant Human PSMC3.



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

Polyclonal Antibody to 26S Proteasome Regulatory Subunit 6A (PSMC3). 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 ATPase subunits, a member of the triple-A family of ATPases that have chaperone-like activity. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. A pseudogene has been identified on chromosome 9.

**Target:** 26S Proteasome Regulatory Subunit 6A (PSMC3)

**Clonality:** Polyclonal

**Reactivity:** Human

# Datasheet

Version: 4.0.0  
Revision date: 08 Sep 2025



**Tested Applications:** WB, IHC, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** WB: 1-5 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:** PSMC3 (Asn2-Ala439)

**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:** P17980 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** PSMC3

**GeneID:** [5702](#)

**OMIM:** [186852](#)

**NCBI Accession:** NM\_002804

**HGNC:** 9549

**KEGG:** hsa:5702

**Ensembl:** ENSG00000165916

**String:** [9606.ENSP00000481029](#)

**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.