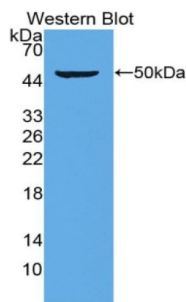
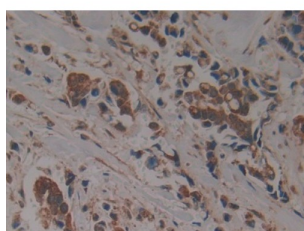


26S Proteasome Regulatory Subunit 10B (PSMC6) Antibody

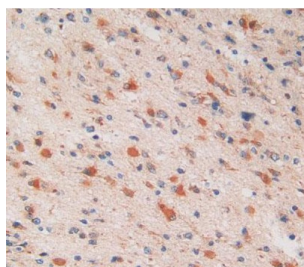
Catalogue No.: abx103501



Western blot analysis of the recombinant protein.



IHC-P analysis of Human Breast cancer Tissue, with DAB staining.



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

Polyclonal Antibody to 26S Proteasome Regulatory Subunit 10B (PSMC6). 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 which have a chaperone-like activity. Pseudogenes have been identified on chromosomes 8 and 12.

Target: 26S Proteasome Regulatory Subunit 10B (PSMC6)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB, IHC, IF/ICC

Datasheet

Version: 3.0.0
Revision date: 28 Sep 2025



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: PSMC6 (Ala2-Val403)

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: P62333 ([UniProt](#), [ExPASy](#))

Gene Symbol: PSMC6

GeneID: [5706](#)

OMIM: [602708](#)

HGNC: 9553

KEGG: hsa:5706

Ensembl: ENSG00000100519

String: [9606.ENSP00000401802](#)

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.