

PAG278Hu01**Polyclonal Antibody to Proteasome 26S Subunit, ATPase 3 (PSMC3)****Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: PSMC3, Human**Clonality:** Polyclonal**Host:** Rabbit**Immunoglobulin Type:** IgG**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 200µg/mL**UOM:** 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant PSMC3 (Asn2~Ala439) expressed in *E.coli*.**Accession No.:** RPG278Hu01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF- NLLPNIESP VTRQEKMATV
WDEAEQDGIG EEVLKMSTEE IIQRTRLLDS EIKIMKSEVL RVTHELQAMK DKIKENSEKI
KVNKTLPLYLV SNVIELLDVD PNDQEEDGAN IDLDSQRKGK CAVIKTSTRQ TYFLPVI GLV
DAEKLKPGDL VGVNKDSYLI LETLPTEYDS RVKAMEVDER PTEQYSDIGG LDKQIQELVE
AIVLPMNHKE KFENLGIQPP KGVL MYGPPG TGKTLLARAC AAQTKATFLK LAGPQLVQMF
IGDGAKLVRD AFALAKEKAP SIIFIDELDA IGTKRFDSEK AGDREVQRTM LELLNQLDGF
QPNTQVKVIA ATNRVDILDP ALLRSGRLDR KIEFPMPNEE ARARIMQIHS RKMNVSPDVN
YEELARCTDD FNGAQCKAVC VEAGMIALRR GATELTHEDY MEGILEVQAK KKANLQYYA

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against PSMC3. It has been selected for its ability to recognize PSMC3 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

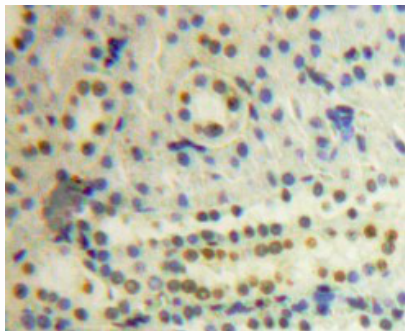
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

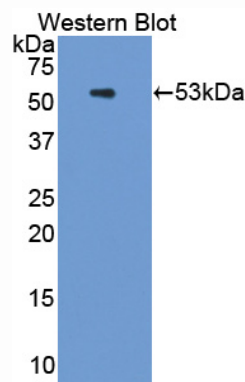
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin-embedded Kidney tissue



Used in Western Blot, Sample:
Recombinant PSMC3, Human

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant PSMC3 (Asn2~Ala439) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.