

PSMA3 Polyclonal Antibody

Catalog No. E-AB-18804

Note: Centrifuge before opening to ensure complete recovery of vial contents.

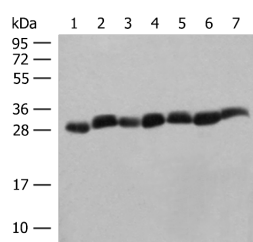
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human PSMA3
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

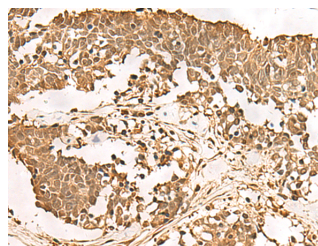
WB	1:500-1:2000
IHC	1:50-1:300

Data

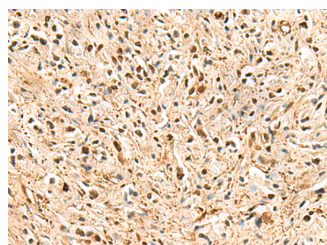


Western blot analysis of Hela cell Mouse spleen tissue Mouse liver tissue PC3 cell HL60 cell A549 cell NIH/3T3 cell lysates using PSMA3 Polyclonal Antibody at dilution of 1:350

Observed Mw: Refer to figures
Calculated Mw: 28 kDa



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PSMA3 Polyclonal Antibody at dilution of 1:50 (×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using PSMA3 Polyclonal Antibody at dilution of 1:50 (×200)

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified.

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