

## Rabbit PSMA2 Polyclonal Antibody | anti-PSMA2 antibody

Rabbit anti-PSMA2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA222877 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

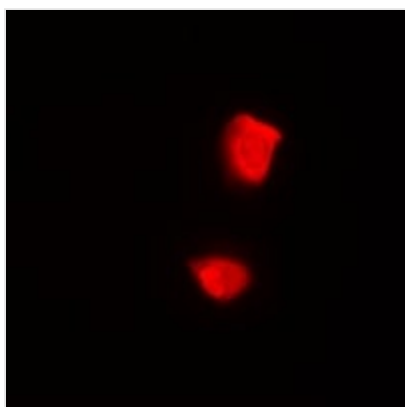
### PRODUCT SYNONYMS

PSMA2; Polyclonal Antibody; Rabbit anti-PSMA2 Antibody; HC3; PSC3; Proteasome subunit alpha type-2; Macropain subunit C3; Multicatalytic endopeptidase complex subunit C3; Proteasome component C3; anti-PSMA2 antibody

### PRODUCT SPECIFICATIONS

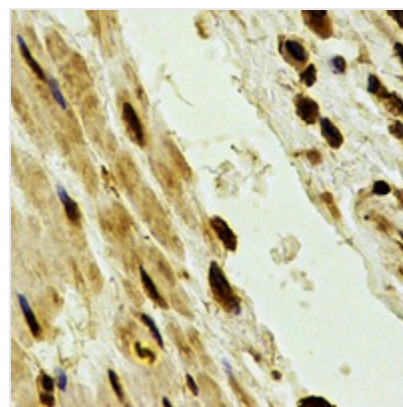
|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                                         |
| Clonality                                       | Polyclonal                                                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-PSMA2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                       | Recombinant full length protein of human PSMA2                                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



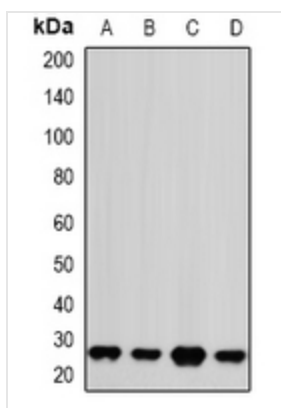
#### IF (Immunofluorescence)

Immunofluorescent analysis of PSMA2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMA2 staining in human esophageal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PSMA2 expression in Jurkat (A), HeLa (B), NIH3T3 (C), mouse brain (D) whole cell lysates.

## ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMA2 antibody

[Primary antibodies](#)

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 130850                                                                                                                                                  |
| NCBI GeneID                      | 5683                                                                                                                                                    |
| UniProt Accession #              | P25787; P49722; P17220                                                                                                                                  |
| Molecular Weight                 | 234                                                                                                                                                     |
| NCBI Official Full Name          | Proteasome subunit alpha type-2                                                                                                                         |
| NCBI Official Synonym Full Names | proteasome (prosome, macropain) subunit, alpha type, 2                                                                                                  |
| NCBI Official Symbol             | PSMA2                                                                                                                                                   |
| NCBI Official Synonym Symbols    | MU; HC3; PSC2; PMSA2                                                                                                                                    |
| NCBI Protein Information         | proteasome subunit alpha type-2; macropain subunit C3; proteasome subunit HC3; proteasome component C3; multicatalytic endopeptidase complex subunit C3 |
| UniProt Protein Name             | Proteasome subunit alpha type-2                                                                                                                         |
| UniProt Gene Name                | <b>PSMA2</b>                                                                                                                                            |
| UniProt Synonym Gene Names       | HC3; PSC3                                                                                                                                               |
| UniProt Entry Name               | PSA2_HUMAN                                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/psma2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222877>