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# PSMA6 Polyclonal Antibody

**Cat #:** G-AB-08309

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
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. Multiple transcript variants encoding several different isoforms have been found for this gene. A pseudogene has been identified on the Y chromosome.

**Gene ID:** 5687

**Accession #:**

**Immunogen:** Recombinant fusion protein of human PSMA6 (NP_002782.1).

**Conjugation:** Unconjugated

**Swissprot:** P60900

**Calculated Molecular Weight:** 18 kDa/25 kDa/27 kDa

**Observed Molecular Weight:** 27 kDa

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** WB,IHC,IF

**Dilution:** WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

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