

Anti-PSMA3 Proteasome subunit alpha type 3) Polyclonal Antibody

Cat. #: 60B856

Description:

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. PSMA3 Proteasome subunit alpha type 3) is involved in an ATP/ubiquitin-dependent non-lysosomal proteolytic pathway. The proteasome is composed of at least 15 non identical subunits which form a highly ordered ring-shaped structure.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human PSMA3 Proteasome subunit alpha type 3)

References

Tamura, T., et al, *Biochim. Biophys. Acta* 1089 (1), 95-102 (1991)
Kristensen, P., et al, *Biochem. Biophys. Res. Commun.* 205 (3), 1785-1789 (1994)
Claverol, S., et al, *Mol. Cell Proteomics* 1 (8), 567-578 (2002)

Species: human, mouse, rat
Storage and Stability: at -20°C

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA
Western Blotting (1 µg/ml for 2hrs)