

A Reliable Research Partner in Life Science and Medicine

Recombinant PSMA1 Monoclonal Antibody

catalog number: AN301638L

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

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human PSMA1 fragment

HostRabbitIsotypeIgG, κCloneA341

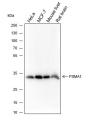
Purification Protein Apurified

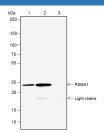
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-1:1000 **IP** 1:50-1:100

Data





Western Blot with PSMA1 Monoclonal Antibody at dilution of Immunoprecipitation analysis using anti-PSMA1 Monoclonal 1:1000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: Mouse liver,

Antibody. Western blot was performed from the

Lane 4: Rat brain
Observed-MW:30 kDa
Calculated-MW:30 kDa

immunoprecipitate using PSMA1 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: PSMA1 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:30 kDa Calculated-MW:30 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

Component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins that could impair cellular functions, and by removing proteins whose functions are no longer required. Associated with the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented antigenic peptides (20S-PA28 complex).

For Research Use Only

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 Rev. V1.0