

## **PSMD11 Polyclonal Antibody**

**Catalog # AP72069** 

### **Specification**

## **PSMD11 Polyclonal Antibody - Product Information**

Application WB, IHC-P
Primary Accession
Reactivity Human, Mouse
Host Rabbit
Clonality Polyclonal

## **PSMD11 Polyclonal Antibody - Additional Information**

#### **Gene ID 5717**

## **Other Names**

PSMD11; 26S proteasome non-ATPase regulatory subunit 11; 26S proteasome regulatory subunit RPN6; 26S proteasome regulatory subunit 59; 26S proteasome regulatory subunit p44.5

#### Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~ $\sim$ N/A

## **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

# Storage Conditions -20°C

## **PSMD11 Polyclonal Antibody - Protein Information**

## Name PSMD11

#### **Function**

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. In the complex, PSMD11 is required for proteasome assembly. Plays a key role in increased proteasome activity in embryonic stem cells (ESCs): its high expression in ESCs promotes enhanced assembly of the 26S proteasome, followed by higher proteasome activity.

## **Cellular Location**

Nucleus. Cytoplasm, cytosol

## **Tissue Location**



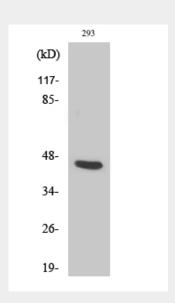
Highly expressed in embryonic stem cells (ESCs). Expression decreases as ESCs differentiate

## **PSMD11 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# PSMD11 Polyclonal Antibody - Images



Western Blot analysis of various cells using PSMD11 Polyclonal Antibody

## PSMD11 Polyclonal Antibody - Background

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