

### **Anti-PSMD6 Antibody**

**Catalog # AP53722** 

### **Specification**

### **Anti-PSMD6 Antibody - Product Information**

Application WB, IHC Primary Accession Q15008

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 45531

### **Anti-PSMD6 Antibody - Additional Information**

#### **Gene ID 9861**

#### **Other Names**

KIAA0107; PFAAP4; 26S proteasome non-ATPase regulatory subunit 6; 26S proteasome regulatory subunit RPN7; 26S proteasome regulatory subunit S10; Breast cancer-associated protein SGA-113M; Phosphonoformate immuno-associated protein 4; Proteasome regulatory particle subunit p44S10; p42A

## **Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PSMD6. The exact sequence is proprietary.

#### **Dilution**

WB~~1/500 - 1/1000 IHC~~1:100~500

### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

#### **Anti-PSMD6 Antibody - Protein Information**

#### Name PSMD6

Synonyms KIAA0107, PFAAP4

#### **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



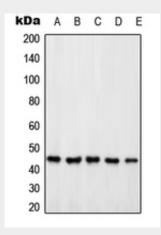
participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.

### **Anti-PSMD6 Antibody - Protocols**

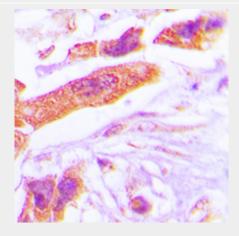
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

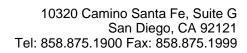
### Anti-PSMD6 Antibody - Images



Western blot analysis of PSMD6 expression in HeLa (A), Jurkat (B), HEK293T (C), SP2/0 (D), PC12 (E) whole cell lysates.



Immunohistochemical analysis of PSMD6 staining in human lung 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.





# **Anti-PSMD6 Antibody - Background**

Rabbit polyclonal antibody to PSMD6