

## **PSMD2 Polyclonal Antibody**

**Catalog # AP72071** 

# **Specification**

# **PSMD2 Polyclonal Antibody - Product Information**

Application WB, IHC-P Primary Accession 013200

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

## **PSMD2 Polyclonal Antibody - Additional Information**

#### **Gene ID 5708**

#### **Other Names**

PSMD2; TRAP2; 26S proteasome non-ATPase regulatory subunit 2; 26S proteasome regulatory subunit RPN1; 26S proteasome regulatory subunit S2; 26S proteasome subunit p97; Protein 55.11; Tumor necrosis factor type 1 receptor-associated protein

### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. 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

## **PSMD2 Polyclonal Antibody - Protein Information**

### Name PSMD2

#### **Synonyms** TRAP2

#### **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.

### **Tissue Location**

Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and placenta

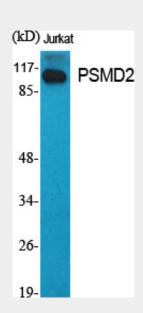


# **PSMD2 Polyclonal Antibody - Protocols**

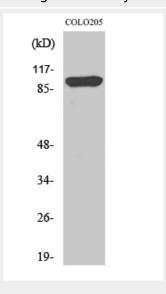
Provided below are standard protocols that you may find useful for product applications.

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

# **PSMD2 Polyclonal Antibody - Images**

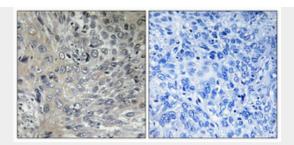


Western Blot analysis of various cells using PSMD2 Polyclonal Antibody

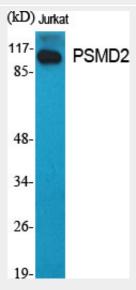


Western Blot analysis of 293 cells using PSMD2 Polyclonal Antibody

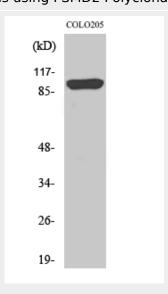




Immunohistochemical analysis of paraffin-embedded Human cervix cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

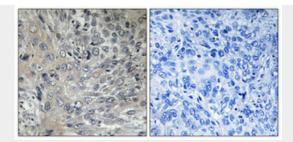


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