

PSMD12 Polyclonal Antibody

Catalog # AP72070

Specification

PSMD12 Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession 000232

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

PSMD12 Polyclonal Antibody - Additional Information

Gene ID 5718

Other Names

PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

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

Storage Conditions

-20°C

PSMD12 Polyclonal Antibody - Protein Information

Name PSMD12

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.

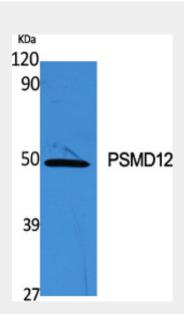
PSMD12 Polyclonal Antibody - Protocols

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

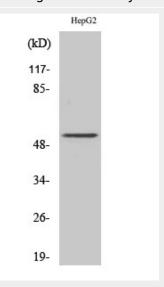


- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

PSMD12 Polyclonal Antibody - Images



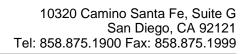
Western Blot analysis of various cells using PSMD12 Polyclonal Antibody



Western Blot analysis of HepG2 cells using PSMD12 Polyclonal Antibody

PSMD12 Polyclonal Antibody - Background

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damage repair.