Anti-PSMD11 Antibody (aa271-320)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17965

Specification

Anti-PSMD11 Antibody (aa271-320) - Product Information

Application	WB, IHC-P, E
Primary Accession	O00231
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47464

Anti-PSMD11 Antibody (aa271-320) - Additional Information

Gene ID 5717

Alias Symbol	PSMD11

Other Names
PSMD11, 26s proteasome subunit 9, S9, Rpn6, p44.5

Target/Specificity
PSMD11 Antibody detects endogenous levels of total PSMD11 protein.

Reconstitution & Storage
Immunoaffinity purified

Precautions
Anti-PSMD11 Antibody (aa271-320) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-PSMD11 Antibody (aa271-320) - 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

Anti-PSMD11 Antibody (aa271-320) - 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

Anti-PSMD11 Antibody (aa271-320) - Images