

Anti-PSMD11 Antibody (aa271-320)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17965

Product Information

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

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.