

Anti-PSMD6 Antibody

Catalog # AP53722

Product Information

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|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q15008 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 45531 |

Additional Information

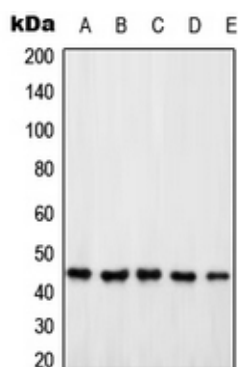
| | |
|--------------------|---|
| Gene ID | 9861 |
| Other Names | KIAA0107; PFAAP4; 26S proteasome non-ATPase regulatory subunit 6; 26S proteasome regulatory subunit RPN7; 26S proteasome regulatory subunit S10; Breast cancer-associated protein SGA-113M; Phosphonoformate immuno-associated protein 4; Proteasome regulatory particle subunit p44S10; p42A |
| Target/Specificity | Recognizes endogenous levels of PSMD6 protein. |
| Dilution | WB~~1/500 - 1/1000 |
| 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 |

Protein Information

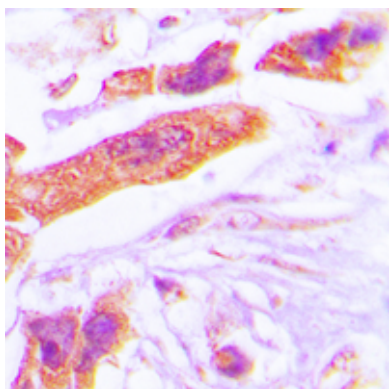
| | |
|----------|---|
| Name | PSMD6 |
| Synonyms | KIAA0107, PFAAP4 |
| Function | Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded 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. |

Background

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.

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