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PSMF1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14362

Specification

PSMF1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q92530
Other Accession	NM_006814, NP_006805
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Pig, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**30kDa KDa**

PSMF1 antibody - middle region - Additional Information

Gene ID 9491

Alias Symbol	**PI31**

Other Names
Proteasome inhibitor PI31 subunit, hPI31, PSMF1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-PSMF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
PSMF1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

PSMF1 antibody - middle region - Protein Information

Name PSMF1

Function
Plays an important role in control of proteasome function. Inhibits the hydrolysis of protein and peptide substrates by the 20S proteasome. Also inhibits the activation of the proteasome by the proteasome regulatory proteins PA700 and PA28.

Cellular Location
Cytoplasm. Endoplasmic reticulum

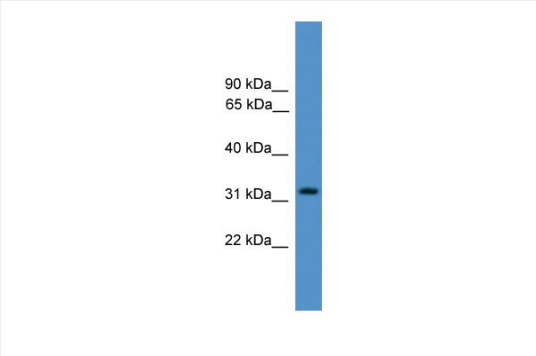
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PSMF1 antibody - middle region - Protocols

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

PSMF1 antibody - middle region - Images



WB Suggested Anti-PSMF1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

PSMF1 antibody - middle region - References

McCutchen-Maloney S.L.,et al.J. Biol. Chem. 275:18557-18565(2000).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).