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PSMD14 Rabbit mAb

Catalog No.: A9608 Recombinant 3 Publications

Basic Information

Observed MW
35kDa

Calculated MW
35kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC1655

Background

This gene encodes a component of the 26S proteasome. The 26S proteasome is a large multiprotein complex that catalyzes the degradation of ubiquitinated intracellular proteins. The encoded protein is a component of the 19S regulatory cap complex of the 26S proteasome and mediates substrate deubiquitination. A pseudogene of this gene is also located on the long arm of chromosome 2.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
10213

Swiss Prot
O00487

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 112-210 of human PSMD14 (O00487).

Synonyms
PAD1; POH1; RPN11; PSMD14

Contact

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Product Information

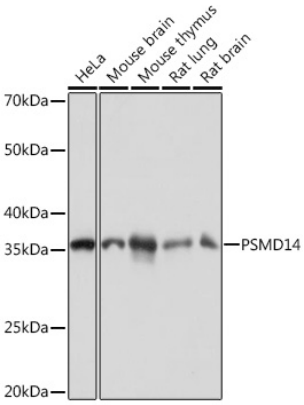
Source
Rabbit

Isotype
IgG

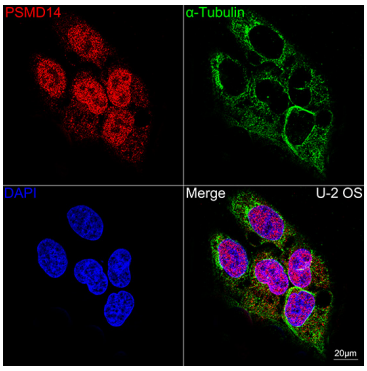
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

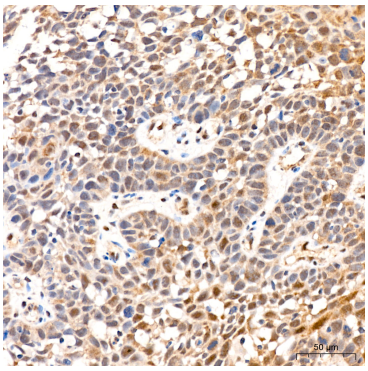
Validation Data



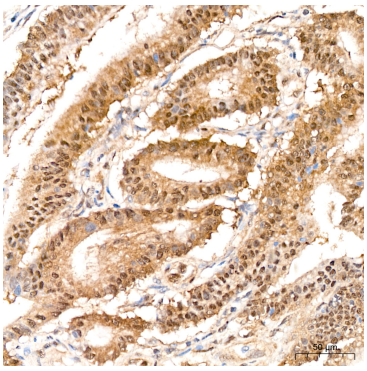
Western blot analysis of various lysates using PSMD14 Rabbit mAb (A9608) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



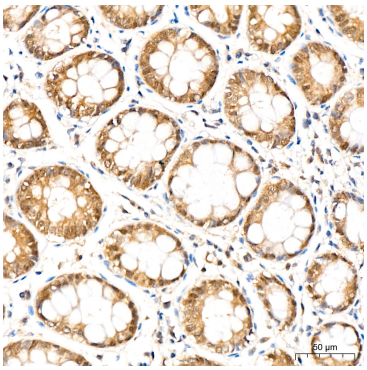
Confocal imaging of U-2OS cells using PSMD14 Rabbit mAb (A9608, dilution 1:100) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 40x.



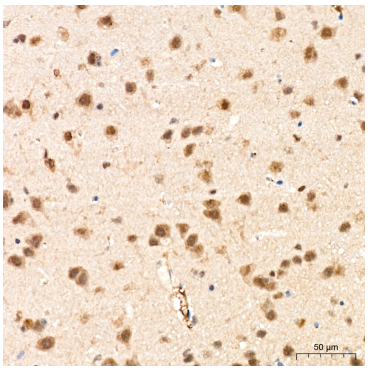
Immunohistochemistry analysis of PSMD14 in paraffin-embedded human cervix cancer tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



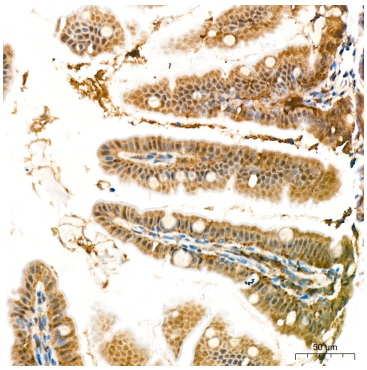
Immunohistochemistry analysis of PSMD14 in paraffin-embedded human colon carcinoma tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PSMD14 in paraffin-embedded human colon tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

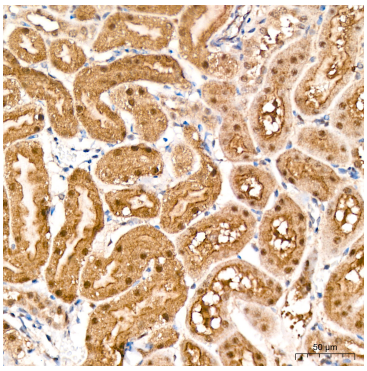


Immunohistochemistry analysis of PSMD14 in paraffin-embedded mouse brain tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

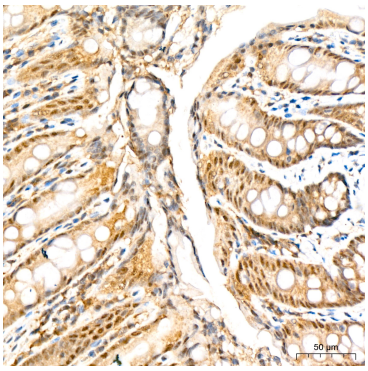


Immunohistochemistry analysis of PSMD14 in paraffin-embedded mouse intestin tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of PSMD14 in paraffin-embedded mouse kidney tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PSMD14 in paraffin-embedded rat colon tissue using PSMD14 Rabbit mAb (A9608) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.