

UCHL5 Rabbit pAb

Catalog No.: A7978 **2 Publications**

Basic Information

Observed MW

38kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, (ELISA)

Cross-Reactivity

Human, Mouse, Rat

Background

Enables endopeptidase inhibitor activity; proteasome binding activity; and thiol-dependent deubiquitinase. Involved in negative regulation of proteasomal ubiquitin-dependent protein catabolic process; positive regulation of smoothed signaling pathway; and protein deubiquitination. Located in cytosol; nucleolus; and nucleoplasm. Colocalizes with Ino80 complex.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

51377

Swiss Prot

Q9Y5K5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-328 of human UCHL5 (NP_001186190.1).

Synonyms

UCH37; CGI-70; INO80R; UCH-L5; UCHL5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

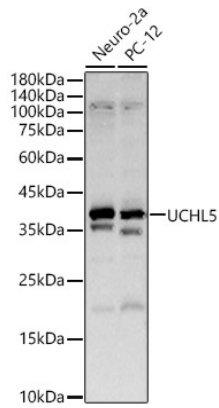
Affinity purification

Storage

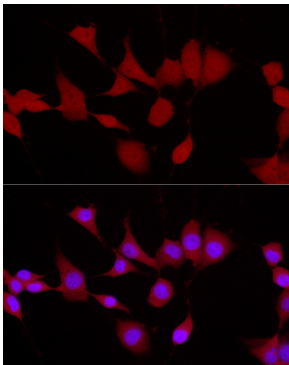
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

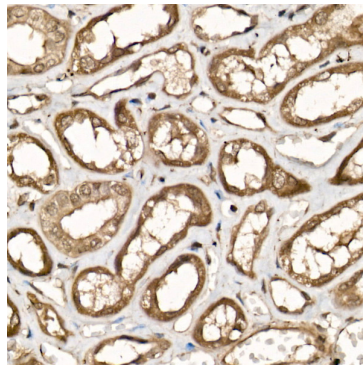
Validation Data



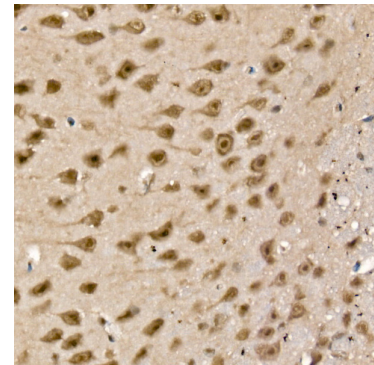
Western blot analysis of various lysates, using UCHL5 Rabbit pAb (A7978) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15s.



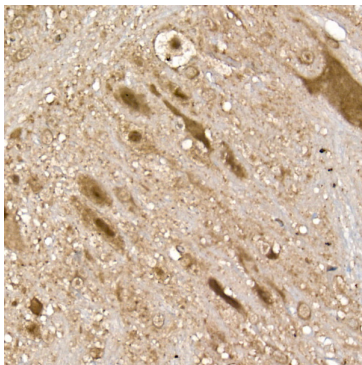
Immunofluorescence analysis of NIH/3T3 cells using UCHL5 Rabbit pAb (A7978) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney using UCHL5 Rabbit pAb (A7978) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using UCHL5 Rabbit pAb (A7978) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using UCHL5 Rabbit pAb (A7978) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.