

Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody

Catalog Number: M01018-3

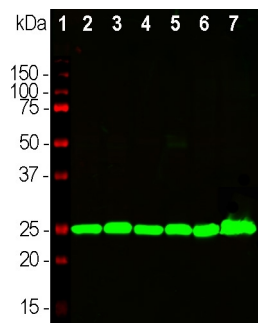
Overview

Product Name	Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody catalog # M01018-3. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P09936

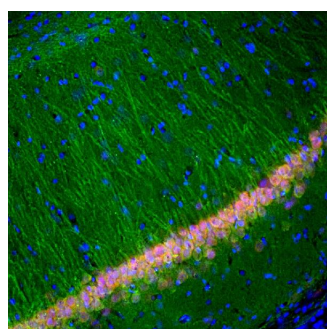
Technical Details

Immunogen	Recombinant full length human UCHL1 purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot: 1:20,000. ICC/IF and IHC: 1:2,000.

Anti-Ubiquitin C-terminal Hydrolase 1 (UCHL1) Monoclonal Antibody (M01018-3) Images



Western blot analysis of tissue lysates using mouse mAb to UCHL1, M01018-3, dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig brain, [7] pig spinal cord. The single band at 24kDa corresponds to the UCHL1 protein.



Immunofluorescent analysis of rat hippocampal section stained with mouse mAb to UCHL1, M01018-3, dilution 1:5,000 in green and costained with rabbit pAb to FOX/NeuN, dilution 1:2,000, in red. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 M, and free-floating sections were stained with above antibodies. The UCHL1 antibody stains the cell body and dendrites of hippocampal neurons, while the FOX3 antibody labels nuclei of the neuronal cells.

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