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34-1122: Polyclonal Antibody to Ubiquitin C-terminal hydrolase 1, UCHL1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	UCHL1
Gene ID :	7345
Uniprot ID :	P09936
Format :	Conc. IgY prep.
Alternative Name :	Neuron cytoplasmic protein 9.5,PGP9.5,PGP 9.5,Ubiquitin thioesterase L1
Isotype :	Chicken, IgY
Immunogen Information :	Recombinant full length human UCHL1 purified from E. coli.

Product Info

Amount :	100 µl
Content :	Antibody is supplied as an aliquot of concentrated IgY prep.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:2,000-5,000. IF/ICC and IHC: 1:500-1,000

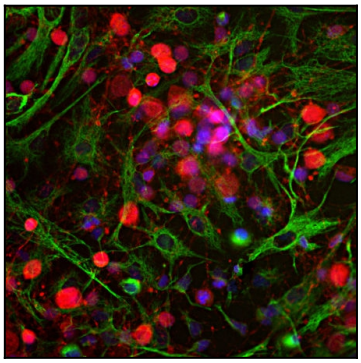

Figure-1: Immunofluorescent analysis of cortical neuron-glial cell culture from E20 rat stained with chicken pAb to UCHL1,(34-1122) , dilution 1:500 in red, and costained with mouse mAb to vimentin, (34-1127), dilution 1:2,000, in green. The blue is Hoechst staining of nuclear DNA. The UCHL1 antibody produces strong staining of the cell body and dendrites in neurons. The vimentin antibody stains intermediate filaments in fibroblastic and developing glial cells.

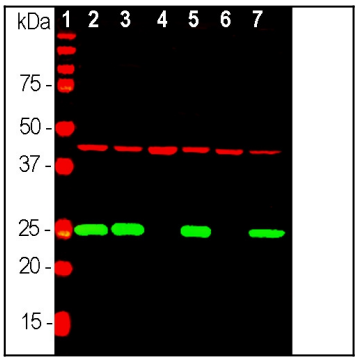

Figure-2: Western blot analysis of equal amounts of different tissue and cell lysates using chicken pAb to UCHL1,(34-1122), dilution 1:2,000 in green, and mouse mAb to Actin,(34-1002), dilution 1:1,000, in red: [1] protein standard, [2] rat brain, [3] mouse brain, [4] NIH-3T3, [5] HEK293, [6] HeLa and [7] SH-SY5Y cells. The single band at 24 kDa mark corresponds to UCHL1 protein which is detectable in CNS extracts and lysates of cells with neuronal properties.

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