

11-8096: Polyclonal Antibody to Uch-L1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Mouse, Human
Gene :	UCHL1
Gene ID :	7345
Uniprot ID :	P09936
Format :	Purified
Alternative Name :	UCHL1
Isotype :	Rabbit IgG

Immunogen Information : Full length recombinant Uch-L1 protein was used as the immunogen for this antibody.

Description

UchL1 (ubiquitin C-terminal hydrolase), also known as PGP9.5 (protein gene product 9.5) and PARK5, is a neuronal biomarker and ubiquitin system protein. UchL1 is a highly conserved antibody and has shown that it is expressed in neurons and neuroendocrine cells in vertebrates where it comprises about 5-10% of soluble cytoplasmic proteins. A minor proportion of UchL1 in brain is tightly bound to the membrane. UchL1 antibody is also expressed in human oocytes and spermatogonia. It is important to note that the use of an antibody as a biomarker in this case does not imply that an antibody defines absolute tissue specificity. Rather, it means that PGP9.5 is expressed in neurons and neuroendocrine cells at significantly higher levels than in other cell types.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
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

Western blot analysis: 1-2 µg/ml

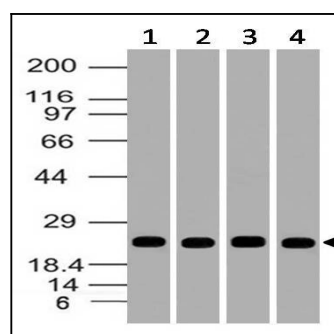


Fig-1: Western blot analysis of Uch-L1. Anti-Uch-L1 antibody (11-8096) was used at 1 µg/ml on (1) U87, (2) h Kidney, (3) 293 and (4) m Brain lysates.