

Product Datasheet

Recombinant PGP9.5 Antibody (orb2644702)

Catalog Number	orb2644702
Category	Antibodies
Description	<p>This MAbs reacts with a protein of 20-30kDa, identified as PGP9.5, also known as ubiquitin carboxyl-terminal hydrolase-1 (UchL1). Initially, PGP9.5 expression in normal tissues was reported in neurons and neuroendocrine cells but later it was found in distal renal tubular epithelium, spermatogonia, Leydig cells, oocytes, melanocytes, prostatic secretory epithelium, ejaculatory duct cells, epididymis, mammary epithelial cells, Merkel cells, and dermal fibroblasts. Furthermore, immunostaining for PGP9.5 has been shown in a wide variety of mesenchymal neoplasms as well. A mutation in PGP9.5 gene is believed to cause a form of Parkinsons disease.</p>
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein A affinity chromatography
Immunogen	Recombinant full-length human protein was used as the immunogen for the recombinant PGP9.5 antibody.
UniProt ID	P09936
Tested applications	IHC-P, WB

Biorbyt Ltd.

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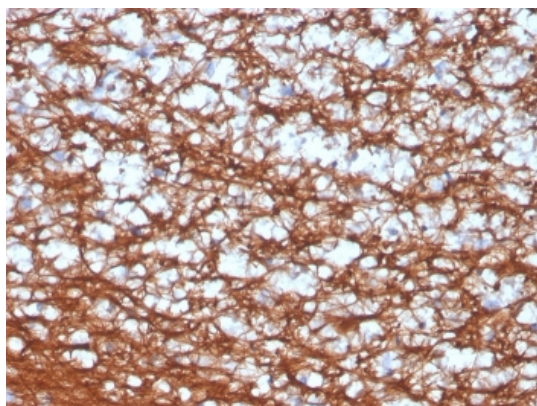
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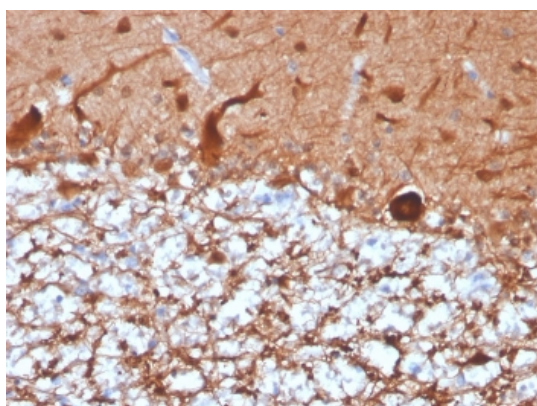
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Dilution range	Western blot: 2-4ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Application notes	Optimal dilution of the recombinant PGP9.5 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	UCHL1/4556R
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human cerebellum with recombinant PGP9.5 antibody (clone UCHL1/4556R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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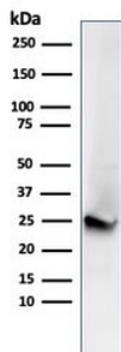
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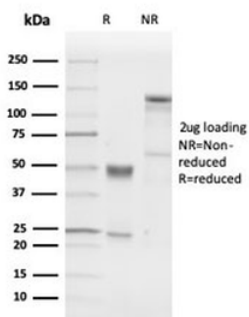
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Western blot testing of human brain lysate with recombinant PGP9.5 antibody. Predicted molecular weight ~25 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant PGP9.5 antibody (clone UCHL1/4556R) as confirmation of integrity and purity.

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