

## Rabbit Polyclonal Antibody to Protein Gene Product 9.5 (PGP9.5)

<b>Catalog No.:</b>	RP 087, RP 087-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
<b>Immunogen:</b>	Purified PGP 9.5 protein isolated from bovine brain.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against bovine PGP 9.5 containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody reacts with a 25-27 kD protein. Protein gene protein 9.5 is a ubiquitin C-terminal hydroxylase found in neurons and nerve fibers of central and peripheral nervous system, many neuroendocrinal cells, segments of renal tubules, spermatogonia, and Leydig cells of testis and ova. It is also present in cellular inclusions, can be a useful neuronal marker, and is useful in the studies of neurodegenerative disorders. This antibody cross reacts with cow.
<b>Positive Control:</b>	Pancreatic tumor
<b>Cellular Localization:</b>	Nuclear and cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Piccinni et al. Biochem J 318: 711, 1998. ii) Rode et al. Histopathol 9: 147, 1985.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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