

# PGP 9.5

## Rabbit Polyclonal Antibody

**Specificity:** Human and Rat. Others-not known

**Immunogen:** Recombinant human carboxyl-terminal hydrolase-1

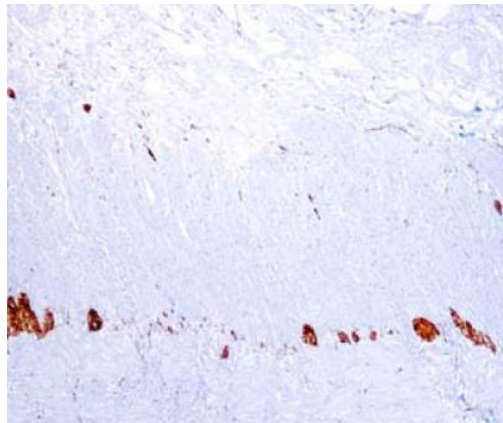
**Ig Class:** Rabbit IgG

**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50-200; *Positive Control:* Nerve tissue, small intestinal wall (Cajal cells). *Cellular localization:* Cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

**Description:** Protein gene product 9.5 (PGP 9.5), also known as ubiquitin carboxyl-terminal hydrolase-1 (UCH-L1), is a 27-kDa protein originally isolated from whole brain extracts (1). Although PGP9.5 expression in normal tissues was originally felt to be strictly confined to neurons and neuroendocrine cells, it has been subsequently documented 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. LK PGP 9.5 has been demonstrated immunostaining of a plethora of different mesenchymal neoplasms with this antibody.

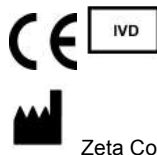
**Supplied As:** Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



*Formalin-fixed and paraffin-embedded human brain stained with anti-PGP 9.5 antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of neurons*

**Cat. #Z2193 (1.0 ml)**

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