



Protein Gene Product 9.5

Rabbit Polyclonal Antibody

Cat. #DLN-15710, DLN-15711, or DLN-15709 (0.1ml, 0.5ml, or 1.0ml at 200µg/ml) (Purified Ab with BSA and Azide)

Cat. #DLN-15712 (7.0ml)

Description: Protein gene product (PGP9.5) is a neuron specific protein, structurally and immunologically distinct from neuron specific enolase. The protein, which has a molecular weight of 27kDa, was first identified by high resolution two dimensional PAGE. Standard immunohistochemical techniques have demonstrated the presence of PGP9.5 in neurons and nerve fibres at all levels of the central and peripheral nervous system, in many neuroendocrine cells, in segments of the renal tubules, in spermatogonia and Leydig cells of the testis, in ova and in some cells of both the pregnant and non-pregnant corpus luteum. This antibody is of value as a marker for neurons and may be of particular use in the study of ubiquitinated cellular inclusions characteristic of several chronic human neurodegenerative diseases.

Comments: This antibody is suitable for staining of formalin-fixed, paraffin-embedded tissues.

Mol. Wt. of Antigen: 9.5kDa

Epitope: Not known

Species Reactivity: Human. Others not tested.

Immunogen: Recombinant full-length human PGP9.5 protein.

Applications and Suggested Dilutions:

- Immunohistology (Formalin/paraffin)
(Ab at 1:100 to 1:200 for 30 min at RT)
- * [Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.]

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: Pancreas and small intestine

Cellular Localization: Cytoplasmic and nuclear

Supplied As:

Affinity purified antibody fraction from rabbit anti-serum. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.

or

Prediluted antibody that is ready-to-use for immunohistochemical staining.

Storage and Stability:

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

dianova GmbH

Warburgstr. 45 • 20354 Hamburg

Telefon (040)45067-0 • Telefax (040) 45067-490 • www.dianova.de



DATA SHEET

Protein Gene Product 9.5

Rabbit Polyclonal Antibody

Cat. #DLN-15710, DLN-15711, or DLN-15709 (0.1ml, 0.5ml, or 1.0ml at 200µg/ml) (Purified Ab with BSA and Azide)

Cat. #DLN-15712 (7.0ml)

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Dianova is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

For Research Use Only

dianova GmbH

Warburgstr. 45 • 20354 Hamburg

Telefon (040)45067-0 • Telefax (040) 45067-490 • www.dianova.de