

Cat. No: AB-10312
Conjugate: Unconjugated
Size: 100 ul
Clone: POLY
Concentration: 1mg/ml
Host: Rb
Isotype: IgG

Immunogen: Two rabbits were immunized with sodium dodecyl sulfated-denatured tyrosine hydroxylase that was purified from rat pheochromocytoma. Immune sera were subjected to ammonium sulphate fractionation to purify immunoglobulins. Antibodies to tyrosine hydroxylase were then purified by affinity chromatography on a CNBr-Sepharose column to which purified tyrosine hydroxylase was bound. This antibody preparation has been compared to numerous other rabbit anti-tyrosine hydroxylase preparations with several light microscopic immunocytochemical procedures and was found to provide, as a rule, superior immunocytochemical reactivity. Preliminary data also indicate that this antibody preparation reacts well with glutaraldehyde-fixed tissue suggesting that it will be preferred antibody for ultrastructural localization studies. The antibody has also been characterized with Western blots.

Reactivity: Hu, Ms, Rt

Applications: Western Blot : 1:2500 Immunohistochemistry (Frozen Tissues) : 1:1000 Immunohistochemistry (Paraffin Embedded Tissues): 1:1000 Immunofluorescence: 1:1000 Immunocytochemistry: 1:1000 Optimal dilution must be determined by end-user

Purification: Aff. Pur.

Background: Specific for the ~ 60 k tyrosine Hydroxylase in Western Blots of rat brain lysates of PG-12 cells stimulated by Okadaic Acid. The antibody cross-reacts with all mammalian and at least some non mammalian forms of the enzyme in immunolabeling and immunocytochemical studies.

Form: Liquid

Buffer: Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN₃

Storage: Store the antibody at -20°C for long term storage and refrigerate at 2-8°C for shorter term. Avoid freeze and thaw cycles. Stock solutions are stable for a minimum of 1 year at -20°C.

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