

Tyrosine 3-hydroxylase Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251807

Unit: 0.1 mg

Description:

Tyrosine 3-hydroxylase (TH) plays a role in the physiology of adrenergic neurons, catalyzing the following reaction: L-tyrosine + tetrahydrobiopterin + O₂ = 3,4-dihydroxy-L-phenylalanine + 4a-hydroxytetrahydrobiopterin. Defects in TH are the cause of dystonia DOPA-responsive autosomal recessive (ARDRD) also known as autosomal recessive Segawa syndrome. ARDRD is a form of DOPA-responsive dystonia presenting in infancy or early childhood. Dystonia is defined by the presence of sustained involuntary muscle contractions, often leading to abnormal postures.

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, R, Rb

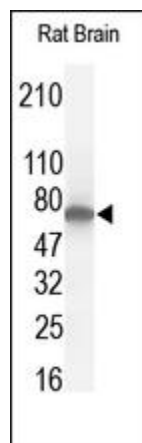
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; TH; TYH

Accession No.: P04177

Antigen: Rat tyrosine 3-hydroxylase.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



The Tyrosine 3-hydroxylase Antibody is used in Western blot to detect tyrosine 3-hydroxylase in rat testicle lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.