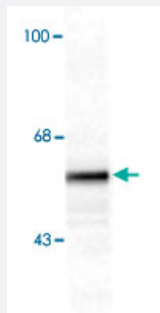


Th polyclonal antibody

Catalog # PAB9696 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of 10 ug of rat caudate lysate showing specific immunolabeling of the ~60k Th protein. Using Th polyclonal antibody (Cat # PAB9696).

Specification

Product Description Sheep polyclonal antibody raised against native Th.

Immunogen Native purified rat Th.

Host Sheep

Theoretical MW (kDa) 60

Reactivity Rat

Form Liquid

Purification Affinity purification

Quality Control Testing Antibody Reactive Against Native Purified Protein.

Recommend Usage
Immunohistochemistry (Frozen sections) (1:1000)
Immunofluorescence (1:1000)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)

Storage Instruction

Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

Western blot of 10 ug of rat caudate lysate showing specific immunolabeling of the ~60k Th protein. Using Th polyclonal antibody (Cat # PAB9696).

- Immunohistochemistry (Frozen sections)

- Immunofluorescence

Gene Info — Th

Entrez GeneID	25085
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Protein Accession#	P04177
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Gene Name	Th
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Gene Alias	The
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Gene Description	tyrosine hydroxylase
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Gene Ontology	Hyperlink
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Other Designations	-
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Publication Reference

- [Depolarization-stimulated catecholamine biosynthesis: involvement of protein kinases and tyrosine hydroxylase phosphorylation sites in situ.](#)

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Journal of Neurochemistry 2001 Oct; 79(2):349.

- [Striatal dopaminergic and serotonergic markers in human heroin users.](#)

Kish SJ, Kalasinsky KS, Derkach P, Schmunk GA, Guttman M, Ang L, Adams V, Furukawa Y, Haycock JW.

Neuropsychopharmacology: Official Publication of the American College of Neuropsychopharmacology 2001 May; 24(5):561.

- [Influence of light and neural circuitry on tyrosine hydroxylase phosphorylation in the rat retina.](#)

Witkovsky P, Gabriel R, Haycock JW, Meller E.

Journal of Chemical Neuroanatomy 2000 Jun; 19(2):105.

Application: IF, Rat, Retina