



TH, Tyrosine Hydroxylase 2 Polyclonal Antibody

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Website: www.allelebiotech.com
Call: 1-800-991-RNAI/858-587-6645
(Pacific Time: 9:00AM~5:00PM)
Email: oligo@allelebiotech.com

Box 1 | Basic Info

Cat. No.	ABP-PAB-22040
Animal ID	N/A
Host	Sheep
Reactivity	Most mammals and some invertebrates
Format	Affinity Purified
Accession number	N/A
Amount	100µl

Alternative Name(s):

N/A

References:

1. Kish SJ et al. Neuropsychopharmacology (2001) 24:561-567.
2. Salvatore MF et al. J Neurochem (2001) 79:349-360.
3. Witkovsky P et al. J Chem Neuroanat (2000) 19:105-116.

Tyrosine Hydroxylase (TH) is the rate-limiting enzyme in the synthesis of the catecholamines Dopamine and Norepinephrine. TH antibodies can therefore be used as markers for dopaminergic and noradrenergic neurons in a variety of applications including depression, schizophrenia, Parkinson's disease and drug abuse (Kish et al., 2001; Zhu et al., 2000; Zhu et al., 1999). TH antibodies can also be used to explore basic mechanisms of dopamine and norepinephrine signaling (Witkovsky et al., 2000; Salvatore et al., 2001).

Buffers

100 µl in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.

Immunogen

Native rat tyrosine hydroxylase, purified from pheochromocytoma

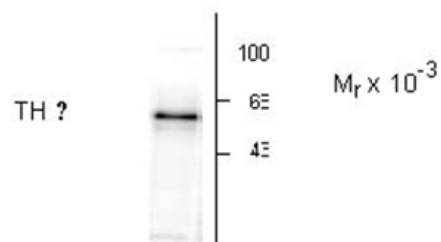
Application

WB: 1:1000; IF: 1:1000; IHC: 1:1000

Storage

For long term storage -20°C is recommended. Stable at -20°C for at least 1 year.

Anti-Tyrosine Hydroxylase



Western Blots. The antibody specifically labels the ~60k TH protein in this Western blot of a PC-12 Cell lysate.