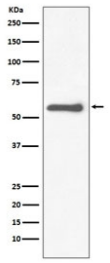
TH Antibody / Tyrosine Hydroxylase [clone GOO-20] (RQ5167)

Catalog No.	Formulation	Size
RQ5167	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Rat. Other species not tested.
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	GOO-20
Purity	Affinity purified
UniProt	P07101
Localization	Nuclear, cytoplasmic, cell membrane
Applications	Western blot: 1:1000-1:5000
Limitations	This TH antibody is available for research use only.



Western blot testing of rat PC-12 cell lysate with TH antibody. Predicted molecular weight: 55-60 kDa.

Description

The protein encoded by the TH gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome.

Application Notes

Optimal dilution of the TH antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to Tyrosine Hydroxylase / TH was used as the immunogen for the TH antibody.

Storage

Store the TH antibody at -20oC.

Copyright © NSJ Bioreagents. All rights reserved.