

Tyrosine Hydroxylase Antibody

Catalog No: #35392



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

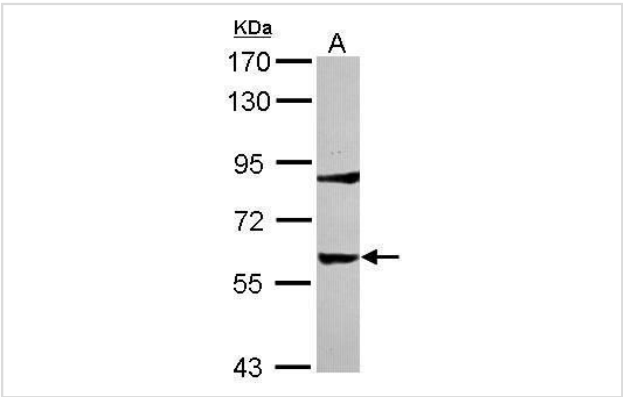
Product Name	Tyrosine Hydroxylase Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	IF WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Tyrosine Hydroxylase protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 270 of Tyrosine Hydroxylase.
Target Name	Tyrosine Hydroxylase
Other Names	DYT14 antibody; DYT5b antibody; TYH antibody; TH antibody; dystonia 14 antibody; tyrosine 3-hydroxylase antibody; tyrosine 3-monoxygenase antibody; tyrosine hydroxylase antibody
Accession No.	Swiss-Prot#:P07101;NCBI Gene#:7054
Uniprot	P07101
GeneID	7054;
SDS-PAGE MW	59kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

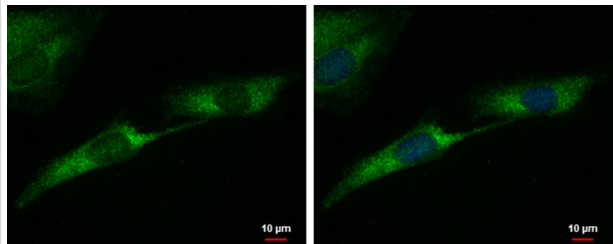
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:1000

Images



Sample (30 ug of whole cell lysate)
A: IMR32
7.5% SDS PAGE
#35392 diluted at 1:1000



Tyrosine Hydroxylase antibody detects Tyrosine Hydroxylase protein at cytoplasm by immunofluorescent analysis. Sample: SKNSH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Tyrosine Hydroxylase protein stained by Tyrosine Hydroxylase antibody (#35392) diluted at 1:500. Blue: Hoechst 33342 staining.

Background

The protein encoded by this 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. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only