

Tyrosine Hydroxylase Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50342

Clone# BP6312

Predicted Molecular Wt: 58kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P07101

Background:

Tyrosine hydroxylase (TH) catalyzes the rate-limiting step in the synthesis of the neurotransmitter dopamine and other catecholamines.

TH is mainly expressed in central and peripheral nervous tissues as well as the adrenal medulla in normal tissues. In tumor tissue, it is mainly expressed in paragangliomas.

TH is mainly used in the auxiliary diagnosis of paragangliomas in clinical pathological diagnosis, with high specificity and sensitivity.

Subcellular location:

Cytoplasm

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

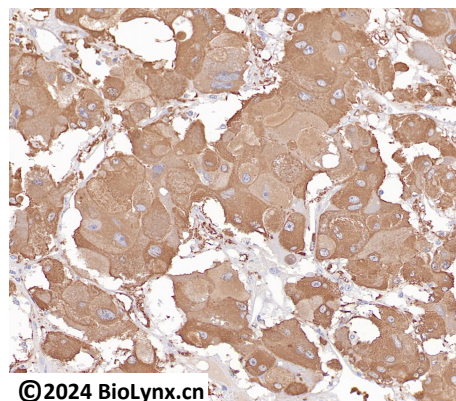
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

- Lehmann, I.T. et al. (2006) J Biol Chem 281, 17644-51.
- Saraf, A. et al. (2007) J Biol Chem 282, 573-80.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of paragangliomas labelling Tyrosine hydroxylase with BP6312.

Product QC'd by:



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