

ARG63754 anti-Tyrosine Hydroxylase antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Tyrosine Hydroxylase
Tested Reactivity	Hu
Predict Reactivity	Dog, Rat
Tested Application	IHC-Fr
Specificity	This antibody is expected to recognise all three reported isoforms (as represented by NP_954986.2; NP_000351.2; NP_954987.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Tyrosine Hydroxylase
Species	Human
Immunogen	C-VQDELDTLAHAL
Conjugation	Un-conjugated
Alternate Names	DYT14; TYH; Tyrosine 3-monoxygenase; Tyrosine 3-hydroxylase; TH; DYT5b; EC 1.14.16.2

Application Instructions

Application table	Application	Dilution
	IHC-Fr	1:1000 - 1:10000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 7054 Human](#)

[Swiss-port # P07101 Human](#)

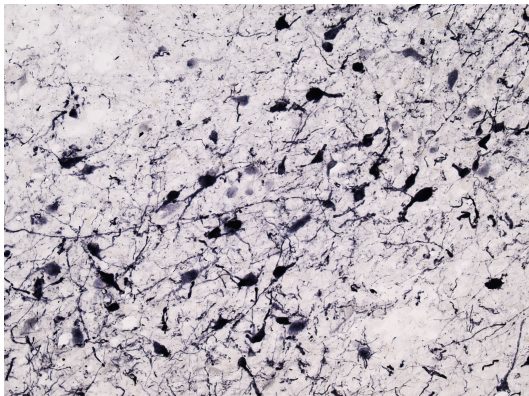
Background The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]

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Research Area Cancer antibody; Metabolism antibody; Neuroscience antibody

Calculated Mw 59 kDa

Images



ARG63754 anti-Tyrosine Hydroxylase antibody IHC-Fr image

Immunohistochemistry: Cryosection of an immersion-fixed (4% PFA) Human hypothalamus tissue stained with ARG63754 anti-Tyrosine Hydroxylase antibody.