

Datasheet for ABIN2477021

anti-Tyrosine Hydroxylase antibody (pSer40)[Go to Product page](#)**2** Publications

Overview

Quantity:	0.1 mL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	pSer40
Reactivity:	Human, Rat, Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence within Tyrosine Hydroxylase which includes phosphorylated Ser 40.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse (Murine), Pig (Porcine), Rat (Rattus)
Characteristics:	Purified IgG
Purification:	Purified

Target Details

Target:	Tyrosine Hydroxylase (TH)
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Target Details

Alternative Name:	TYROSINE HYDROXYLASE (TH Products)
Gene ID:	7054
UniProt:	P07101
Pathways:	Dopaminergic Neurogenesis , Response to Water Deprivation , Sensory Perception of Sound , Carbohydrate Homeostasis , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Publications

Product cited in:	Xiao, Xu, Tereshchenko, Novak, Schachner, Kleene: "Neural cell adhesion molecule modulates dopaminergic signaling and behavior by regulating dopamine D2 receptor internalization." in: The Journal of neuroscience : the official journal of the Society for Neuroscience, Vol. 29, Issue 47, pp. 14752-63, (2009) (PubMed). Bevilaqua, Graham, Dunkley, von Nagy-Felsobuki, Dickson: "Phosphorylation of Ser(19) alters the conformation of tyrosine hydroxylase to increase the rate of phosphorylation of Ser(40)." in: The Journal of biological chemistry, Vol. 276, Issue 44, pp. 40411-6, (2001) (PubMed).
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