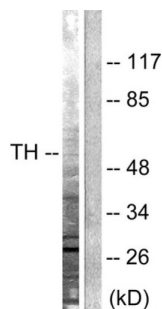
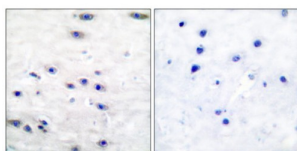


Tyrosine 3-Monooxygenase (TH) Antibody

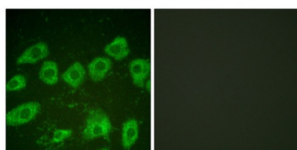
Catalogue No.: abx012753



Western blot analysis of extracts from 3T3 cells treated with Forskolin (40nM, 30min), using Tyrosine Hydroxylase antibody (abx012753, Line 1 and 2).



Immunohistochemical analysis of paraffin-embedded human brain tissue using Tyrosine Hydroxylase antibody (abx012753).



Immunofluorescence analysis of HuvEc cells, using Tyrosine Hydroxylase antibody (abx012753).

Rabbit polyclonal antibody against Tyrosine 3-Monooxygenase protein. Immunogen region is N-terminal.

Target: Tyrosine 3-Monooxygenase (TH)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 3000, IHC: 1/50 - 100, IF/ICC: 1/100 - 1/500, ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 6.0.0
Revision date: 09 Sep 2025



Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 19 (A-V-SP-E-Q).
Isotype:	IgG
Form:	Liquid
Purification:	Purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07101 (UniProt , ExPASy)
Gene Symbol:	TH
GeneID:	7054
OMIM:	191290
HGNC:	11782
KEGG:	hsa:7054
Ensembl:	ENSG00000180176
String:	9606.ENSP00000370571
Enzyme Commission Number:	1.14.16.2
Sequence:	CGFRRVSEQDAKQ
Buffer:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% glycerol.
Specificity:	Detects endogenous levels of total Tyrosine Hydroxylase protein.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.