

## Product datasheet for **TA311631**

### Tyrosine Hydroxylase (TH) Rabbit Polyclonal Antibody

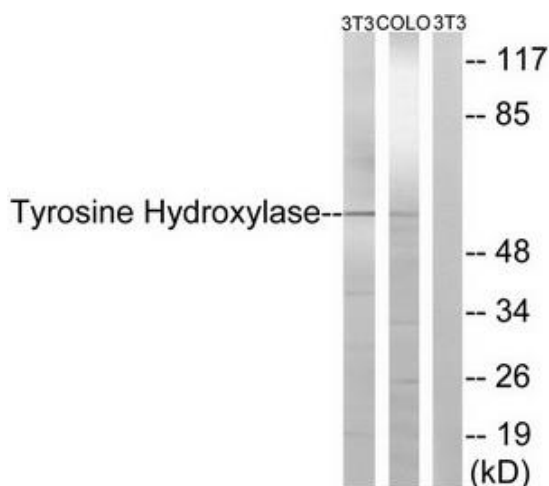
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1:300~1000, IHC: 1:50~100, IF: 1:100~1:500, ELISA: 1:10000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
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).
Formulation:	Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tyrosine hydroxylase
Database Link:	<a href="#">NP_000351</a> <a href="#">Entrez Gene 21823 Mouse</a> <a href="#">Entrez Gene 25085 Rat</a> <a href="#">Entrez Gene 7054 Human</a> <a href="#">P07101</a>
Synonyms:	DYT5b; DYT14; TYH
Note:	Tyrosine Hydroxylase (Ab-19) antibody detects endogenous levels of total Tyrosine Hydroxylase protein.
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Parkinson's disease, Tyrosine metabolism

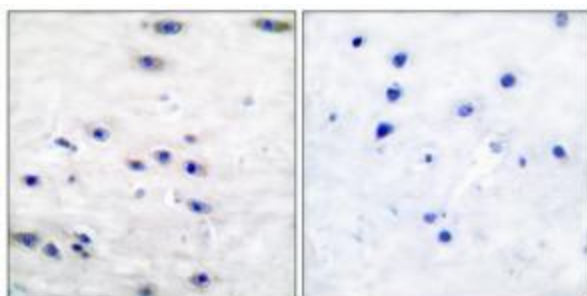


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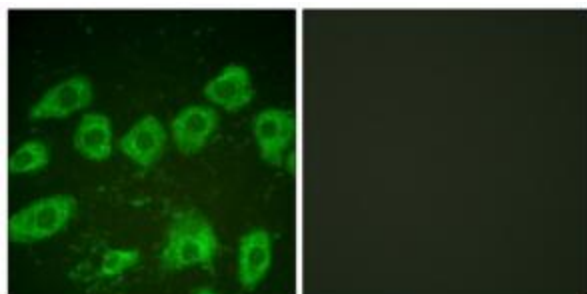
**Product images:**



Western blot analysis of extracts from 3T3 cells treated with Forskolin (40nM, 30min), using Tyrosine Hydroxylase (Ab-19) antibody (#TA311631, Line 1 and 2). The lane on the right is treated with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using Tyrosine Hydroxylase (Ab-19) antibody (#TA311631). The picture on the right is treated with the synthesized peptide.



Immunofluorescence analysis of HuvEc cells, using Tyrosine Hydroxylase (Ab-19) antibody (#TA311631). The picture on the right is treated with the synthesized peptide.