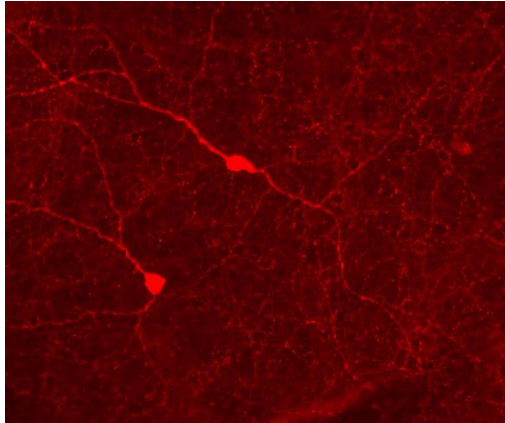


# Phospho-Tyrosine Hydroxylase (Ser31) Polyclonal Antibody

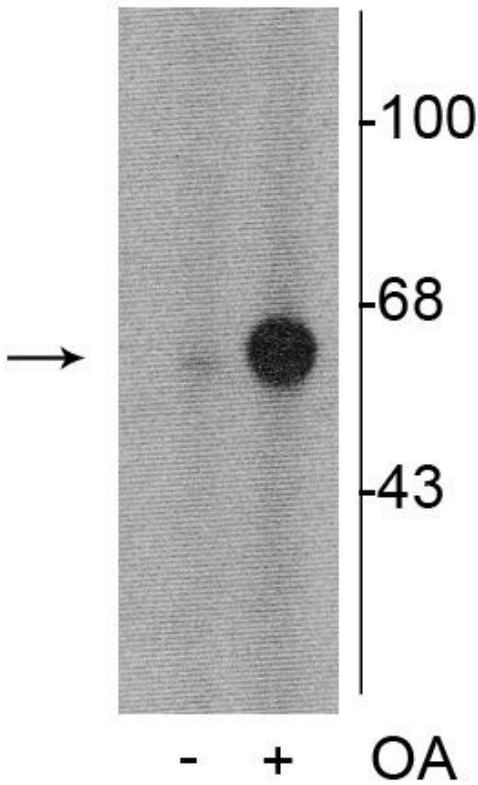
Product Details	
Size	100 µL
Species Reactivity	Rat, Human, Mouse
Published Species	Rat, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phospho peptide derived from a region of the rat tyrosine hydroxylase (TH) protein surrounding the phosphorylated Ser31 residue.
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 50% glycerol, 0.15M NaCl, 100µg/mL BSA
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2533288

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	6 Publications
Immunohistochemistry (IHC)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:50-1:300	-

Product Images For Phospho-Tyrosine Hydroxylase (Ser31) Polyclonal Antibody



**Phospho-Tyrosine Hydroxylase (Ser31) Antibody (36-9900) in ICC/IF**  
Indirect immunofluorescence staining of rat retinal dopaminergic neurons using Zymed Rb anti-phospho-Tyrosine Hydroxylase (Ser31) (Product # 36-9900). Image courtesy of Paul Witkovsky, PhD, Dept. of Ophthalmology, New York University School of Medicine.



**Phospho-Tyrosine Hydroxylase (Ser31) Antibody (36-9900) in WB**  
Western blot of Tyrosine Hydroxylase in PC-12 cell lysates incubated in the absence first lane (-) and presence second lane (+) of okadaic acid (1  $\mu$ M for 60 min) showing specific immunolabeling of a ~60 kDa band corresponding to Phospho-Tyrosine Hydroxylase (Ser31) polyclonal antibody (Product # 36-9900).

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Western Blot (6)

<p>Neuropharmacology</p> <p><b>Docosahexaenoic acid protects motor function and increases dopamine synthesis in a rat model of Parkinson's disease via mechanisms associated with increased protein kinase activity in the striatum.</b></p> <p>"36-9900 was used in Western Blotting to describe the neuroprotective effects of the omega-3 fatty acid docosahexaenoic acid (DHA) in the medial forebrain bundle 6-hydroxydopamine (6-OHDA) model of advanced-stage PD in rats."</p> <p>Authors: Chitre NM,Wood BJ,Ray A,Moniri NH,Murnane KS</p>	<p>Year 2020</p> <p>Species Rat</p> <p>Dilution 1:1000</p>
<p>Hormones and behavior</p> <p><b>Differential effects of mineralocorticoid and angiotensin II on incentive and mesolimbic activity.</b></p> <p>"36-9900 was used in western blot to characterize the differential effects of angiotensin II and mineralocorticoid on incentive and mesolimbic activity"</p> <p>Authors: Grafe LA,Flanagan-Cato LM</p>	<p>Year 2016</p> <p>Dilution 1:400</p>

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