



## Neurturin Antibody (biotin)

CATALOG NUMBER: 38-115

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	<p><b>ELISA:</b></p> <p><b>Direct:</b></p> <p>To detect hNeurturin by direct ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNeurturin.</p> <p><b>Sandwich</b></p> <p>To detect hNeurturin by sandwich ELISA (using 100 uL/well antibody solution) a concentration of 0.25 - 1.0 ug/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our polyclonal Anti-Human Neurturin as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNeurturin.</p> <p><b>Western Blot:</b></p> <p>To detect hNeurturin by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNeurturin is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>
<b>USER NOTE:</b>	Centrifuge vial prior to opening.
<b>IMMUNOGEN:</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hNeurturin (human Neurturin). Human Neurturin specific antibody was purified by affinity chromatography and then biotinylated.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PHYSICAL STATE:</b>	Lyophilized
<b>STORAGE CONDITIONS:</b>	Neurturin antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Biotin

### Additional Info

<b>ALTERNATE NAMES:</b>	NTNNeurturin
<b>ACCESSION NO.:</b>	Q99748
<b>PROTEIN GI NO.:</b>	2501180
<b>OFFICIAL SYMBOL:</b>	NRTN
<b>GENE ID:</b>	4902

### Background

<b>BACKGROUND:</b>	Human Neurturin (NTN) and Human GDNF comprise a family of TGF-beta related neurotrophic factor which
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have trophic influences on a variety of neuronal populations. Neurturin promotes the survival of certain sympathetic and sensory neurins through interaction with distinct set of GDNF-like receptors

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**FOR RESEARCH USE ONLY**

December 13, 2016