

Datasheet for ABIN5689092 **anti-Neurturin antibody**



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Neurturin (NRTN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hNeurturin (human Neurturin).
Purification:	Anti-hNeurturin specific antibody was purified by affinity chromatography employing immobilized hNeurturin matrix.

Target Details

Target:	Neurturin (NRTN)
Alternative Name:	Neurturin (NRTN Products)
Background:	Human Neurturin (NTN) and Human GDNF comprise a family of TGF-beta related neurotrophic factor which 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
Gene ID:	4902

Target Details

UniProt: [Q99748](#)

Application Details

Application Notes:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hNeurturin (50.00 ng/mL), a concentration of 0.5 - 0.75 µg/mL of this antibody is required. ELISA: To detect hNeurturin by direct ELISA (using 100 µL/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hNeurturin. Sandwich: To detect hNeurturin by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our Biotinylated Anti-Human Neurturin (38-115) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNeurturin. Western Blot: To detect hNeurturin by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/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.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Storage:	-20 °C
Storage Comment:	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.