

Datasheet for ABIN116221 **anti-Neurturin antibody**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Neurturin (NRTN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurturin antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant hNeurturin.
Specificity:	This antibody reacts with Human Neurturin.
Purification:	Affinity chromatography.

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.Synonyms: NRTN
Gene ID:	4902

Target Details

NCBI Accession: [NP_004549](#)

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 l/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. 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.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore in sterile water to a concentration of 0.1-1.0 mg/mL.

Buffer: PBS, pH 7.2 without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing. Centrifuge vial prior to opening!

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.