Product datasheet

Anti-Neurturin antibody ab49203

Overview

Product name       Anti-Neurturin antibody
Description        Rabbit polyclonal to Neurturin
Host species       Rabbit
Tested applications Suitable for: ELISA, IHC-P, IHC-Fr
Species reactivity Reacts with: Mouse, Rat, Human
Immunogen          Recombinant full length protein (Human)

Properties

Form               Liquid
Storage instructions Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer     Constituent: Whole serum
Purity             Whole antiserum
Clonality          Polyclonal
Isotype            IgG

Applications

Our Abpromise guarantee covers the use of ab49203 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Application notes

1 site ELISA: 1/5000.
Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Function
Supports the survival of sympathetic neurons in culture. May regulate the development and maintenance of the CNS. Might control the size of non-neuronal cell population such as haemopoietic cells.

Involvement in disease
Defects in NRTN are a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association with mutations of RET gene, and possibly with other loci, defects in NRTN are involved in Hirschsprung disease. This genetic disorder of neural crest development is characterized by the absence of intramural ganglion cells in the hindgut, often resulting in intestinal obstruction.

Sequence similarities
Belongs to the TGF-beta family. GDNF subfamily.

Cellular localization
Secreted.

Images

Immunohistochemistry (Frozen sections) - Anti-Neurturin antibody (ab49203)

ab49203 staining Neurturin in Human cochleae tissue sections by Immunohistochemistry. Samples were incubated with primary antibody (1/100) for 20 hours at 4°C. Positive Neurutrin immunostaining was found in the spiral ganglion cell bodies and nerve fibers. The circle indicates peripheral nerve processes, arrows point to the nerve bundles of the central processes.

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