Anti-CNPase
produced in rabbit, affinity isolated antibody

Catalog Number C9743

Product Description
Anti-CNPase is produced in rabbit using as immunogen a synthetic peptide corresponding to residues 122-136 [DDTNHERERLEQLFE] of human CNPase (GeneID 1267). This sequence is 93% identical in mouse and rat. The antibody is affinity-purified.

Anti-CNPase recognizes human CNPase. Applications include the detection of CNPase by immunoblotting, immunohistochemistry, and flow cytometry.

2',3'-cyclic nucleotide 3'-phosphodiesterase (CNPase) is associated with brain tubulin and acts as a microtubule-associated protein in promoting microtubule assembly and distribution. CNPase is used as a marker of cell differentiation in the CNS as it is expressed primarily in committed oligodendroglial progenitors and terminally-differentiated oligodendrocytes.

Reagent
Supplied as a solution in phosphate buffered saline, containing 0.02% sodium azide.

Antibody concentration: ~1.0 mg/mL

Precautions and Disclaimer
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability
For continuous use, store at 2-8 °C for up to three months. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in “frost-free” freezers, is not recommended.

Product Profile

Immunoblotting: a working dilution of 1:500 to 1:1,000 is recommended.

Immunohistochemistry: a working dilution of 1:100 to 1:200 is recommended.

Flow cytometry: a working dilution of 1:200 to 1:500 is recommended.

Note: In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.

References