



Anti-human/mouse/rat Neurexophilin-3/NXPH3 Antibody

ORDERING INFORMATION

Catalog Number: AF5098

Lot Number: CDUD01

Size: 100 µg

Formulation: 0.2 µm filtered solution in PBS with 5% trehalose

Storage: -20° C

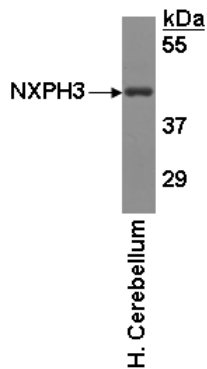
Reconstitution: sterile PBS

Specificity: human, mouse and rat NXPH3

Immunogen: NS0-derived rrNXPH3

Ig Type: goat IgG

Applications: Western blot
Direct ELISA



Detection of NXPH3 with AF5098.

Tissue lysates were resolved by SDS-PAGE, transferred to an Immobilon-P membrane and immunoblotted with 1.0 µg/mL goat anti-h/m/rNXPH3.

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant rat Neurexophilin-3 (rrNXPH3; Gln23 - Gly252; Accession # AAI66603; R&D Systems, Catalog # 5098-NX). NXPH3 specific IgG was purified by rat NXPH3 affinity chromatography.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

Reconstitution

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize NXPH3 in direct ELISAs and Western blots. In direct ELISAs, this antibody shows approximately 5% cross-reactivity with rrNXPH1 and rhNXPH1.

Applications

Western blot - An antibody concentration of 1.0 µg/mL is recommended.

Direct ELISA - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect NXPH3. The detection limit for rrNXPH3 is approximately 1 ng/well.

Optimal dilutions should be determined by each laboratory for each application.