



Synuclein, beta (SNCB, beta Synuclein, Phosphoneuroprotein 14, PNP14)

Catalog number

S9501-02E

Supplier

United States Biological

Applications:

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Western Blot: 1:500-1:2000

Immunohistochemistry: 1:500-1:2000

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile glycerol (40-50%), aliquot and store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic peptide (IEPLMEPEGSYEDPPQE) corresponding to aa108-125 of human beta synuclein protein conjugated to diphtheria toxoid.

Formulation

Reconstitute in 100ul of sterile water. Centrifuge to remove any insoluble material.

Purity

Serum

Specificity

Recognizes human beta-Synuclein. Less than 0.1% crossreactivity to human alpha synuclein Species
Crossreactivity: rat

Product Type

Pab

Source

human

Isotype

IgG

Grade

Serum



Applications

IHC WB

Crossreactivity

Hu Rt

Storage

-20°C

Reference

1. Lundvig, et al Brain Res Mol Brain Res 134, 3-17 (Mar 24, 2005). ; 2. Bennett, Pharmacol Ther 105, 311-31 (Mar, 2005). ; 3. Vekrellis, et al., Mol Neurobiol 30, 1-21 (Aug, 2004). ; 4. Martin, et al., Protein Pept Lett 11, 229-37 (Jun, 2004). ; 5. Doherty, et al., Acta Neuropathol (Berl) 107, 169-75 (Feb, 2004). ; 6. Goedert, Curr Opin Genet Dev 11, 343-51 (Jun, 2001). ; 7. Saito, et al., J Neurol Sci 177, 48-59 (Aug 1, 2000). ; 8. Lucking, et al., Cell Mol Life Sci 57, 1894-908 (Dec, 2000). ; 9. Kahle, et al., Ann N Y Acad Sci 920, 33-41 (2000). ; 10. Clayton, et al., Trends Neurosci 21, 249-54 (Jun, 1998).