NTS Polyclonal Antibody

catalog number: E-AB-70214



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen KLH conjugated Synthetic peptide corresponding to Mouse Neurotensin

Host Rabbit Isotype IgG

Purification Affinity purification
Conjugation Unconjugated

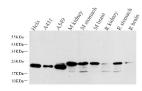
buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein

protectant and 50% glycerol.

Applications Recommended Dilution

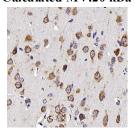
WB 1:500-1:2000 **IHC** 1:300-1:800

Data

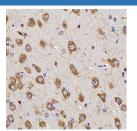


Western Blot analysis of various samples using NTS Polyclonal Antibody at dilution of 1:1000.

Observed-MV:20 kDa Calculated-MV:20 kDa



Immunohistochemistry analysis of parafffin-embedded rat brain using NTS Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of parafffin-embedded mouse brain using NTS Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

Background

For Research Use Only

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This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also biologically active.