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Research Use Only. Not for diagnostic or therapeutic use.

EB05413 - Goat Anti-Septin 3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SEPT3, septin 3, SEP3, CTA-250D10.3, MGC133218, bK250D10.3,

OTTHUMP00000028742, neuronal-specific septin 3, G-Septin

Official Symbol: SEPT3

Accession Number(s): NP_663786.2; NP_061979.3

Human GenelD(s): 55964

Non-Human GenelD(s): 24050 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

according to NP_663786.2 and NP_061979.3.

Immunogen

Peptide with sequence SELVPEPRPKPA-C, from the N Terminus of the protein sequence according to NP_663786.2; NP_061979.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 40kDa band observed in Human Cerebellum and in Mouse and Rat Brain lysates (calculated MW of 40.7kDa according to Human NP_663786.2 and Rat NP_062248.2, and 40.6kDa according to Mouse NP_001345765.1). Recommended

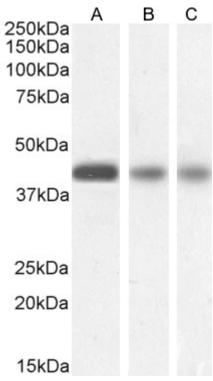
concentration: 0.03-0.5ug/ml. Primary incubation 1 hour at room temperature **IHC:** Paraffin embedded Human Brain (Cortex) and (Cerebellum) and Testis.

Recommended concentration: 3.75µg/ml.

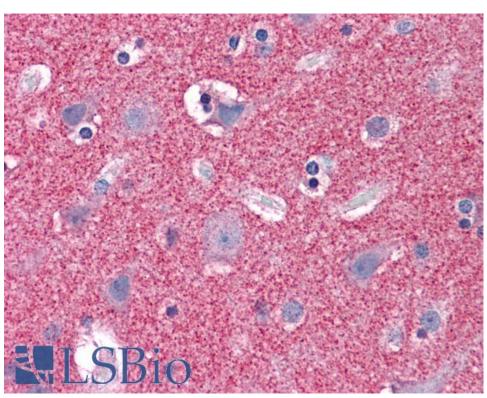
Species Reactivity

Tested: Human, Mouse, Rat

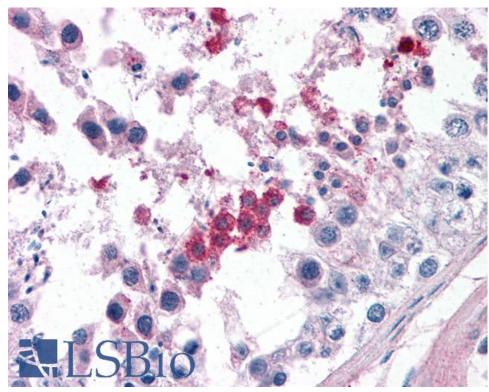
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



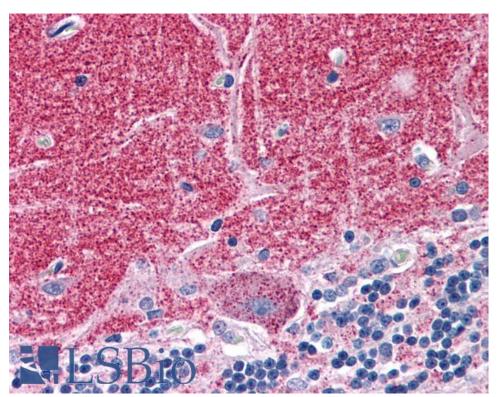
EB05413 (0.5μg/ml) staining of Human Cerebellum (A), (0.1ug/ml) Mouse (B) and (0.03ug/ml) Rat (C) Brain lysate (35μg protein in RIPA buffer).. Detected by chemiluminescence.



EB05413 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05413 (3.75 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05413 (3.75μg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.