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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_663786.1; NP_061979.3

Human GeneID(s): 55964

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

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

according to NP_663786.1 and NP_061979.3.

Immunogen

Peptide with sequence SELVPEPRPKPA-C, from the N Terminus of the protein sequence according to NP_663786.1; 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 seen in Human Brain lysate. Recommended for use at 0.5-2µg/ml.

IHC: Paraffin embedded Human Brain (Cortex) and (Cerebellum) and Testis.

Recommended concentration: 3.75µg/ml.

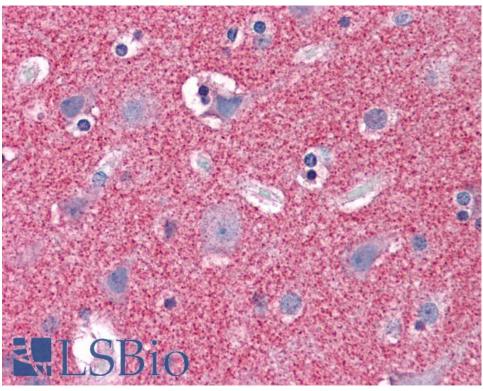
Species Reactivity

Tested: Human

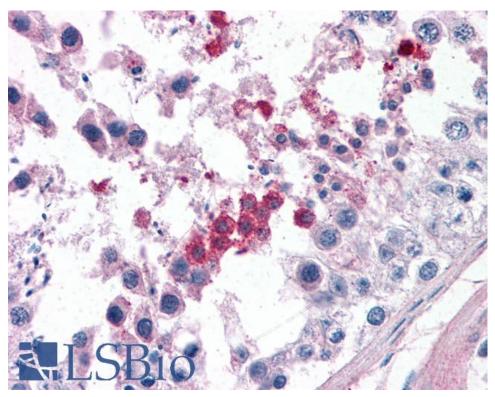
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



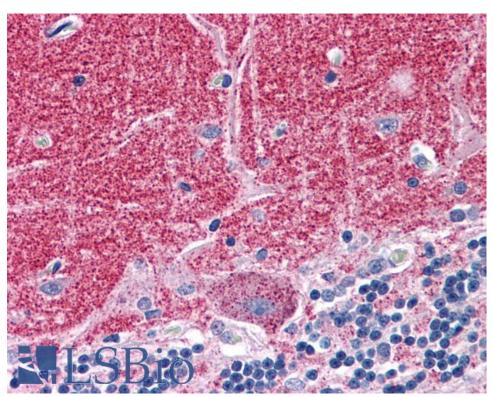
EB05413 staining (1μg/ml) of Human Brain lysate (RIPA buffer, 30μg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



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.