



## UK Office

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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 GeneID(s):** [55964](#)

**Non-Human GeneID(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: 0.03-0.5µg/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 (3.75µg/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.