

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10986 - Goat Anti-AKAP12 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Akap12, A kinase (PRKA) anchor protein (gravin) 12, AI317366, SSeCKS, Srcs5, Tsga12, A-kinase anchor protein 12, AKAP-12, gercelin, germ cell lineage protein gercelin, src-suppressed C kinase substrate, testis specific gene A12, v-src suppressed transcript 5

**Official Symbol:** Akap12

**Accession Number(s):** NP\_112462.1

**Non-Human GeneID(s):** 83397 (mouse), 83425 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_005091.2) only.

### Immunogen

Peptide with sequence C-SPDTNGPKLTEEGD, from the internal region of the protein sequence according to NP\_112462.1.

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 1:4000.

**Western blot:** Preliminary experiments in lysates of cell lines NIH3T3 and of Mouse and Rat Brain and Testis gave no specific signal but low background (at antibody concentration up to 2µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse, Rat