



## International Office

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

## EB05017 - Goat Anti-GAP43 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GAP43, B-50, PP46, growth associated protein 43, protein F1, neuromodulin, neural phosphoprotein B-50, axonal membrane protein GAP-43, calmodulin-binding protein P-57, nerve growth-related peptide GAP43, neuron growth-associated protein 43

**Official Symbol:** GAP43

**Accession Number(s):** NP\_002036

**Human GeneID(s):** [2596](#)

### Immunogen

Peptide with sequence C-GKEEEPEADQEHA, from the C Terminus of the protein sequence according to NP\_002036.

### 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

**Western blot:** Western blot: Approx 45 kDa band seen in Mouse Brain Lysate.

Recommended for use at 1-3 µg/ml.

Please note that although the predicted MW of Gap-43 according to NP\_002036 is 26kDa, bulk of the literature indicates it migrates at approx. 45kDa on SDS-PAGE.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Human