

## UK Office

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

## EB13025 - Goat Anti-GSTM3 (aa47-60) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GSTM3, glutathione S-transferase mu 3 (brain), GST5, GSTB, GSTM3-3, GTM3, GST class-mu 3, S-(hydroxyalkyl)glutathione lyase M3, brain GST, brain type mu-glutathione S-transferase, glutathione S-alkyltransferase M3, glutathione S-aralkyltransferase M3

**Official Symbol:** GSTM3

**Accession Number(s):** NP\_000840.2

**Human GeneID(s):** [2947](#)

**Non-Human GeneID(s):** 14866 (mouse), 64352 (rat)

### Immunogen

Peptide with sequence C-RSQWLDVKFKLDLD, from the internal region of the protein sequence according to NP\_000840.2.

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 1:1000.

**Western blot:** Approx 28kDa band observed in Mouse Brain lysates (calculated MW of 25.7kDa according to Mouse NP\_034489.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse

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



EB13025 (2 $\mu$ g/ml) staining of Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.