

## UK Office

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

## EB10727 - Goat Anti-Gsta3/Gsta5/Gst Yc2 (rat) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Gsta5, glutathione S-transferase Yc2 subunit, MGC112704, Yc2, GST A5-5, GST Yc2, glutathione S-transferase Yc-2, glutathione S-transferase alpha-5, glutathione S-transferase A3, Gsta3, glutathione S-transferase alpha 3, glutathione S-transferase alpha 3

**Official Symbol:** Gsta3

**Accession Number(s):** NP\_001009920.1

**Non-Human GeneID(s):** 14859 (mouse), 494500 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_001009920.1, NP\_001153211.1. Please note that this antibody is expected to cross-react to the homologous Mouse protein Gsta3

### Immunogen

Peptide with sequence C-EMDPGIVDNFLLK, from the internal region of the protein sequence according to NP\_001009920.1.

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

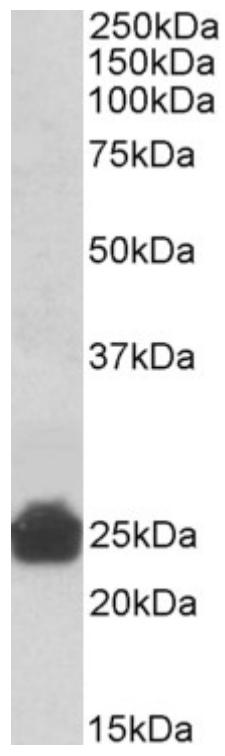
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 25kDa band observed in Mouse and Rat lysates (calculated MW of 25.3kDa according to NP\_001009920.1. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB10727 (0.3 $\mu$ g/ml) staining of Rat Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.