



## UK Office

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

## EB07464 - Goat Anti-Robo1 / DUTT1 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Robo1, roundabout homolog 1 (Drosophila), AW494633, AW742721, DUTT1, roundabout homolog 1

**Official Symbol:** Robo1

**Accession Number(s):** NP\_062286.2

**Non-Human GeneID(s):** 19876 (mouse), 58946 (rat)

### Immunogen

Peptide with sequence C-QKARPAKKQKHQ, from the internal region of the protein sequence according to NP\_062286.2.

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 1:128000.

**Western blot:** Approx 200kDa band observed in fetal Mouse Brain lysates (calculated MW of 176kDa according to NP\_062286.2). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Mouse Testis. Recommended concentration: 5µg/ml.

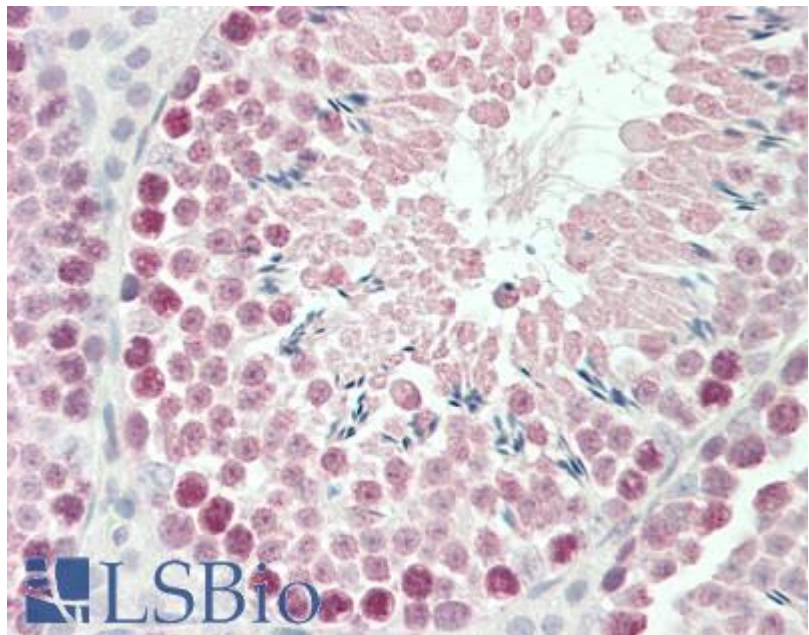
### Species Reactivity

**Tested:** Mouse

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



EB07464 (0.05 $\mu$ g/ml) staining of fetal Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07464 (5 $\mu$ g/ml) staining of paraffin embedded Mouse Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.