



## UK Office

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

## EB11854 - Goat Anti-EEF1A2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EEF1A2, eEF1A-2, EEF1AL, EF1A, EF-1-alpha-2, elongation factor 1-alpha 2, elongation factor-1 alpha, eukaryotic elongation factor 1 A-2, eukaryotic translation elongation factor 1 alpha 2, FLJ41696, HS1, OTTHUMP00000031776, statin S1, statin-S1, STN, STNL

**Official Symbol:** EEF1A2

**Accession Number(s):** NP\_001949.1

**Human GeneID(s):** [1917](#)

**Non-Human GeneID(s):** 13628 (mouse), 24799 (rat)

### Immunogen

Peptide with sequence C-NPATVPFVPIS, from the internal region of the protein sequence according to NP\_001949.1.

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 1:8000.

**Western blot:** Approx 50kDa band observed in lysates of cell lines Daudi and Jurkat (calculated MW of 50.5kDa according to NP\_001949.1). The same band is observed in lysates of Mouse and Rat Heart and Skeletal Muscle. Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB11854 (0.5µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB11854 (0.5µg/ml) staining of Mouse (A+C) and Rat (B+D) Skeletal Muscle (A+B) and Heart (C+D) lysates  
(35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.