

### **International Office**

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# 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 GenelD(s): 1917

Non-Human GenelD(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**

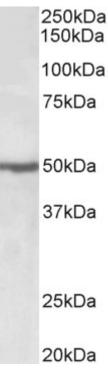
Peptide ELISA: antibody detection limit dilution 1:8000.

**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.

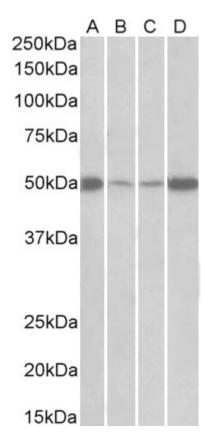
### **Species Reactivity**

Tested: Human.Mouse, Rat

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



EB11854 ( $0.5\mu g/ml$ ) staining of Jurkat lysate ( $35\mu g$  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.