

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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

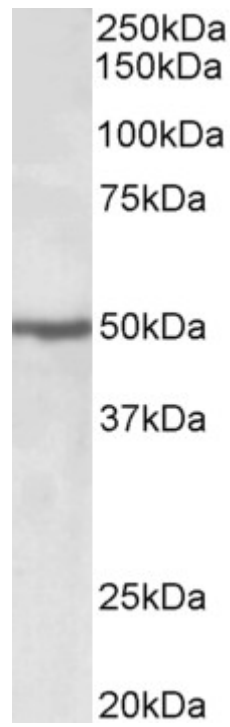
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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.

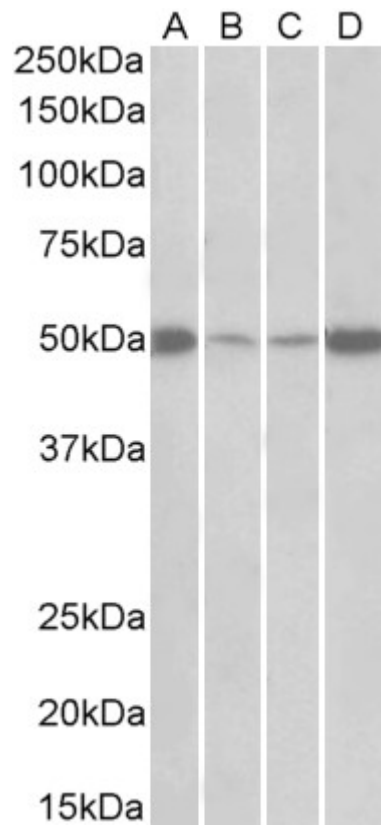
### Species Reactivity

**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.