

#### **International Office**

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# EB09931 - Goat Anti-FRG1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: facioscapulohumeral muscular dystrophy region gene-1, FRG1A,

FSG1, FSHD region gene 1, FRG1

Official Symbol: FRG1

Accession Number(s): NP\_004468.1

Human GeneID(s): 2483

Non-Human GeneID(s): 14300 (mouse), 361156 (rat)

#### **Immunogen**

Peptide with sequence C-TVTNFGEISGT, from the internal region of the protein sequence according to NP\_004468.1.

Please note the <u>peptide</u> 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 1:2000.

**Western blot:** Approx 35kDa double band observed in nuclear lysates of cell line Jurkat (calculated MW of 29.2kDa according to NP\_004468.1). This molecular weight is routinely observed by other sources.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09931 ( $2\mu g/ml$ ) staining of Jurkat nuclear lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.