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

EB11622 - Goat Anti-ARF4 (aa137-150) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ADP-ribosylation factor 2, ADP-ribosylation factor 4, ARF2, ARF4, OTTHUMP00000213140, OTTHUMP00000213142, OTTHUMP00000213211

Official Symbol: ARF4

Accession Number(s): NP_001651.1

Human GeneID(s): [378](#)

Non-Human GeneID(s): 11843 (mouse), 79120 (rat)

Immunogen

Peptide with sequence C-SEMTDKLGLQSLRN, from the internal region of the protein sequence according to NP_001651.1.

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 1:128000.

Western blot: Approx 19kDa band observed in lysates of cell lines NIH3T3 and HeLa (calculated MW of 20.5kDa according to NP_001651.1). Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Thymus. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow. This batch is not expected to cross-react with Rat in Western blot.

EB11622 (0.5µg/ml) staining of NIH3T3 (A) and HeLa (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB11622 (5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.