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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 GenelD(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.

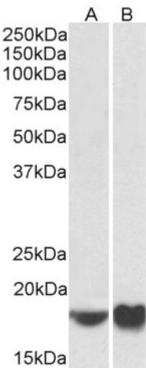
Western blot: Approx 19kDa band observed in lysates of cell lines NIH3T3 and HeLa (calculated MW of 20.5kDa according to Human NP_001651.1 and 20.4kDa according to Mouse NP_031505.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

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

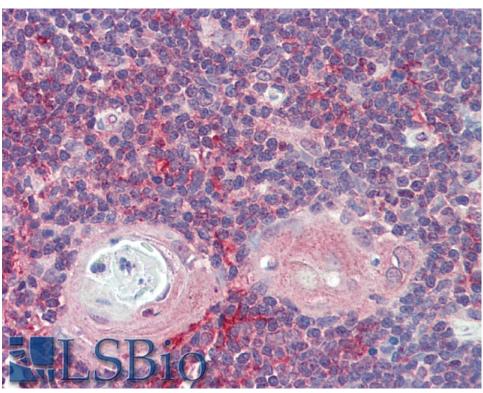
Species Reactivity

Tested: Human, Mouse

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



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



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