

## UK Office

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

## EB07557 - Goat Anti-ARF1 (variants 1-4) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ARF1, ADP-ribosylation factor 1, ARF 1, ADP ribosylation factor 1

**Official Symbol:** ARF1

**Accession Number(s):** NP\_001019397.1; NP\_001649.1; NP\_001019398.1;  
NP\_001019399.1

**Human GeneID(s):** [375](#) , [376](#)

**Non-Human GeneID(s):** 11840 (mouse), 64310 (rat)

**Important Comments:** This antibody is expected to recognize all four reported isoforms.

### Immunogen

Peptide with sequence C-EGLDWLSNQLRNQK, from the C Terminus of the protein sequence according to NP\_001019397.1; NP\_001649.1; NP\_001019398.1; NP\_001019399.1.

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 18kDa band observed in lysates of cell lines HEK293, A431 and HepG2 (calculated MW of 20.7kDa according to NP\_001019397.1; NP\_001649.1; NP\_001019398.1; NP\_001019399.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

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

EB07557 (1µg/ml) staining of HepG2 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.