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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06344 - Goat Anti-BAF53A and BAF53B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** hArpN beta, actin-related protein 4, INO80 complex subunit K, BRG1-associated factor, BAF53, BAF complex 53 kDa subunit, MGC5382, INO80K, Arp4, ARPN-BETA, 53 kDa BRG1-associated factor B, ACTL6B, ACTL6A, actin-related protein, hArpN alpha, actin-like 6B, actin-like 6A, BAF53b, BAF53a, ACTL6, BAF53B, BAF53A

**Official Symbol:** ACTL6A / ACTL6B

**Accession Number(s):** NP\_004292.1; NP\_817126.1; NP\_057272.1

**Human GeneID(s):** [51412](#) , [86](#)

**Important Comments:** This antibody is expected to recognise both BAF53A and BAF53B, which are almost identical. Reported variants represent identical protein (NP\_817126.1; NP\_829888.1).

### Immunogen

Peptide with sequence YEEGGKQCVERKCP, from the C Terminus of the protein sequence according to NP\_004292.1; NP\_817126.1; NP\_057272.1.

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

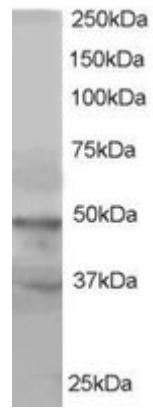
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 48kDa band observed in Hela lysates (predicted MW of 49kDa according to NP\_057272, NP\_004292). Recommended for use at 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06344 staining (1 $\mu$ g/ml) of HeLa lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour.  
Detected by western blot using chemiluminescence.