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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.

## EB05435 - Goat Anti-ARP2/3 subunit 1B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** OTTHUMP00000206020, actin related protein 2/3 complex, subunit 1A (41 kD), ARP2/3 protein complex subunit p41, p41-ARC, p40-ARC, ARC41, actin related protein 2/3 complex, subunit 1B, 41kDa, ARPC1B

**Official Symbol:** ARPC1B

**Accession Number(s):** NP\_005711.1

**Human GeneID(s):** [10095](#)

### Immunogen

Peptide with sequence AYHSFLVEPISCH, from the N Terminus of the protein sequence according to NP\_005711.1.

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 1:32000.

**Western blot:** Approx 37kDa band observed in Human Liver lysates (calculated MW of 40.9kDa according to NP\_005711). Recommended concentration: 2-4µg/ml. A minor band of unknown identity was also consistently observed at 28kDa.

### Species Reactivity

**Tested:** Human

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



EB05435 staining (2 $\mu$ g/ml) of Human Liver lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.