



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

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

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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.

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

### Species Reactivity

**Tested:** Human

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

EB05435 staining (2µg/ml) of Human Liver lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB05435 (5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.