



## 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.**

## EB10954 - Goat Anti-HSPC117 (aa201-215) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** C22orf28, chromosome 22 open reading frame 28, DJ149A16.6, RP1-149A16.6, hypothetical protein LOC51493, novel protein HSPC117

**Official Symbol:** C22orf28

**Accession Number(s):** NP\_055121.1

**Human GeneID(s):** [51493](#)

**Non-Human GeneID(s):** 28088 (mouse), 362855 (rat)

### Immunogen

Peptide with sequence C-QADPNKVSARAKKR, from the internal region of the protein sequence according to NP\_055121.1.

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 55kDa band observed in lysates of cell lines HeLa, Jurkat and K562 (calculated MW of 55.2kDa according to NP\_055121.1). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** In paraffin embedded Human Testis shows nuclear and vicinity staining in spermatogonia. Recommended concentration, 5-10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB010954 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB10954 (0.3µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.