



## UK Office

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

## EB10955 - Goat Anti-HSPC117 (aa125-138) 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:** RTCB

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

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

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

### Immunogen

Peptide with sequence C-RLLRNLDVQVP, 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.

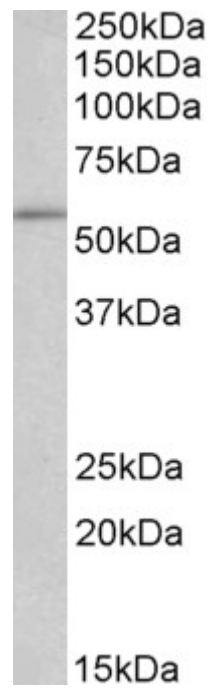
**Western blot:** Approx 55kDa band observed in lysates of cell line Jurkat (calculated MW of 55.2kDa according to NP\_055121.1). Recommended concentration: 0.05-0.2µg/ml.

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

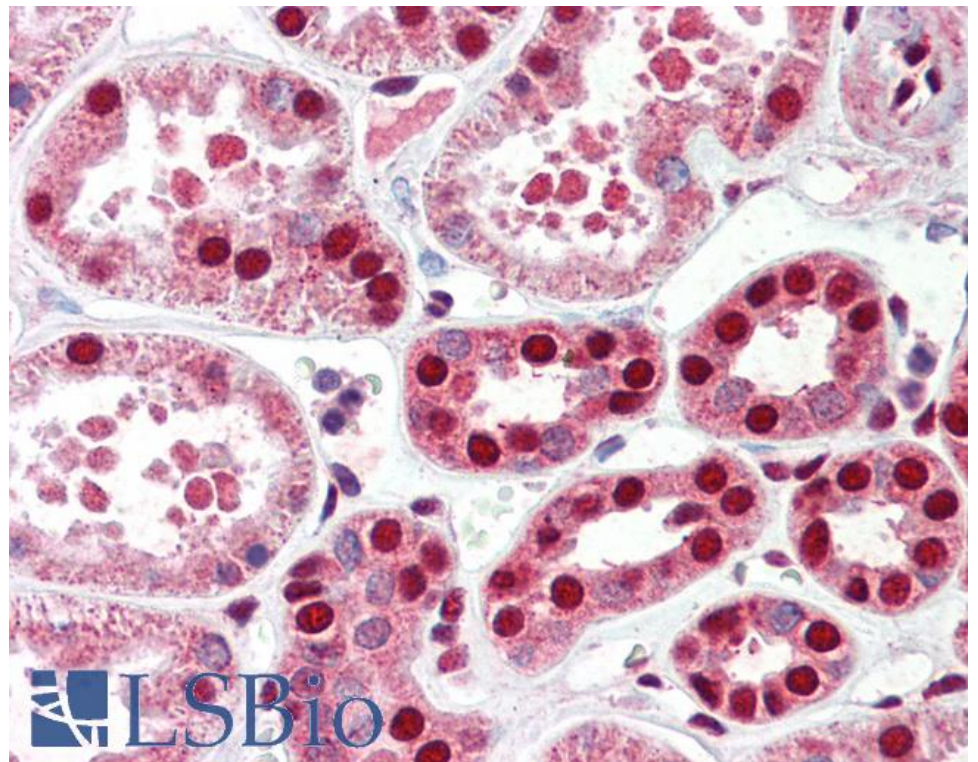
### Species Reactivity

**Tested:** Human

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



EB10955 (0.05 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.



EB10955 (5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.