![everest - a Vector Labs Company]

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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-RLLRTNLDESDVQP, 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
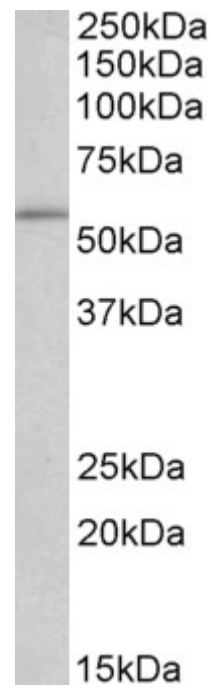**Peptide ELISA:** antibody detection limit dilution 1:64000.
**Western blot:** Approx 55kDa band observed in lysates of cell line Jurkat (calculated MW of 55.2kDa according to NP_055121.1). Recommended concentration: 0.05-0.2µg/ml.
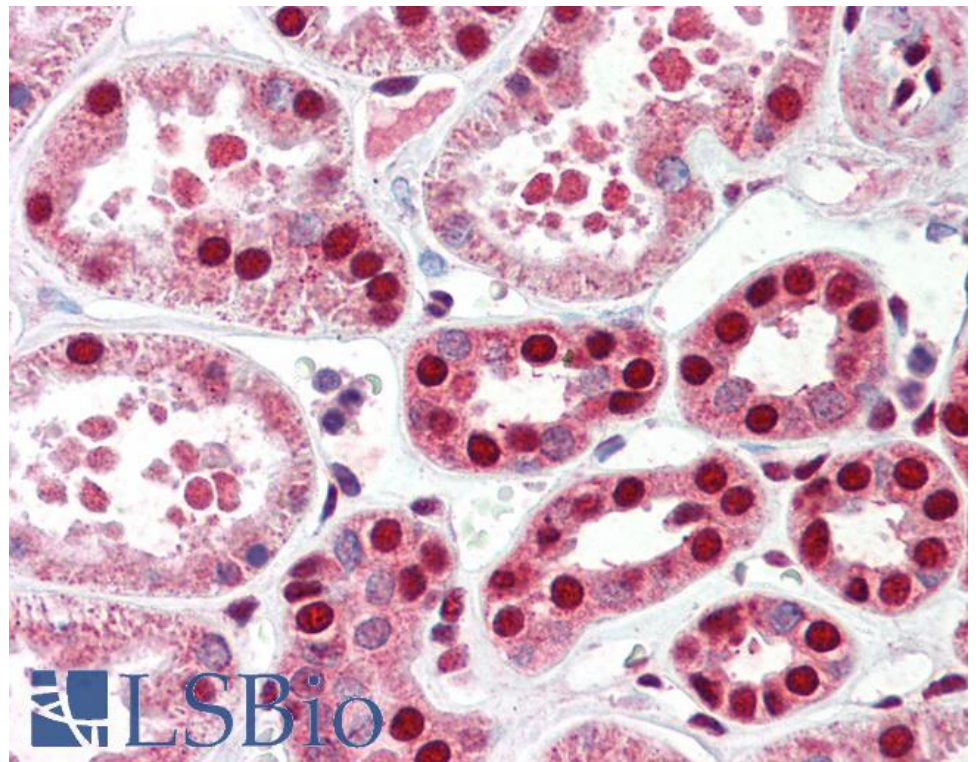**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

## Species Reactivity
**Tested:** Human
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow

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



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