

## UK Office

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

## EB05432 - Goat Anti-HIP-55 / SH3P7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DBNL, HIP-55, SH3P7, src homology 3 domain-containing protein  
HIP-55, HIP-55 protein, drebrin F, drebrin-like, ABP1

**Official Symbol:** DBNL

**Accession Number(s):** NP\_054782.2; NP\_001014436.1; NP\_001116428.1

**Human GeneID(s):** [28988](#)

**Non-Human GeneID(s):** 13169 (mouse), 83527 (rat)

**Important Comments:** This antibody is expected to recognise all reported isoforms  
(NP\_054782.2; NP\_001014436.1; NP\_001116428.1)

### Immunogen

Peptide with sequence AANLSRNGPALQE-C, from the N Terminus of the protein  
sequence according to NP\_054782.2; NP\_001014436.1; NP\_001116428.1.

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 1:16000.

**Western blot:** Approx 55kDa band observed in lysates of Human Peripheral Blood  
Mononucleocytes (calculated MW of 48.3kDa according to NP\_054782.2). Recommended  
concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

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



EB05432 (0.03 $\mu$ g/ml) staining of Human Peripheral Blood Mononucleocyte lysate (35 $\mu$ g protein in RIPA buffer).  
Detected by chemiluminescence.