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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 1:32000.

Western blot: Approx 55kDa band observed in Jurkat and 3T3 lysates (calculated MW of 49.0kDa according to Human NP_001116428.1 and 48.7kDa according to Mouse NP_001139780.1). Recommended for use at 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse

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

EB05432 staining (1µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB05432 (1µg/ml) staining of 3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.