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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB07428 - Goat Anti-SBP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: selenocysteine insertion sequence binding protein 2, OTTHUMP00000064932, OTTHUMP00000064931, OTTHUMP00000064930, OTTHUMP00000064929, DKFZp686C09169, SECIS binding protein 2, SECISBP2, RP11-89K14.1, SBP2

Official Symbol: SECISBP2

Accession Number(s): NP_076982.3

Human GeneID(s): [79048](#)

Immunogen

Peptide with sequence C-KERQERKQRLQEN, from the internal region of the protein sequence according to NP_076982.3.

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 120kDa band detected in HFF cell lysates. Data kindly provided by Laura Papp and Kum Kum Khanna. The observed molecular weight corresponds to earlier findings in literature with different antibodies (Papp et al, Mol Cell Biol. 2006 Jul;26(13):4895-910; PMID: 16782878). Recommended concentration: 0.1-0.3µg/ml.

IHC: In paraffin embedded Human Testis shows granular cytoplasm staining in Leydig cells. Recommended concentration, 3µg/ml.

ICC/IF: This antibody has been successfully used in ICC/IF for C33A cells as described in the following paper: Papp et al, Nucleic Acids Res. 2008 Dec;36(22):7192-206, PMID: 19004874.

Immunoprecipitation: This antibody has also been successfully used for IP.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig, Cow

Specific Reference

This antibody has been successfully used in the following papers:

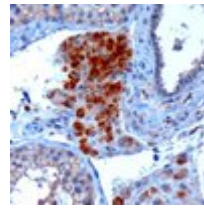
Papp LV, Wang J, Kennedy D, Boucher D, Zhang Y, Gladyshev VN, Singh RN, Khanna KK.

Functional characterization of alternatively spliced human SECISBP2 transcript variants. Nucleic Acids Res. 2008 Dec;36(22):7192-206.

PMID: 19004874



EB07428 staining of HFF cell lysate with B) 100nM siRNA or A) control siRNA. Detected by chemiluminescence. Data kindly provided by Laura Papp and Kum Kum Khanna, Brisbane, Australia.



EB07428 (3 μ g/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.