



Goat anti-SBP2 Antibody

Item Number	dAP-0953
Target Molecule	Principle Name: SBP2; Official Symbol: SECISBP2; All Names and Symbols: SBP2 ; RP11-89K14.1; SECISBP2; SECIS binding protein 2 ; DKFZp686C09169; OTTHUMP00000064929; OTTHUMP00000064930; OTTHUMP00000064931; OTTHUMP00000064932; selenocysteine insertion sequence binding protein 2; Accession Number (s): NP_076982.3; Human Gene ID(s): 79048; Non-Human GeneID(s):
Immunogen	KERQERKQRLQEN, is from internal region
Applications	Pep ELISA, WB, IP, IHC, ICC, IF Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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 J
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows granular cytoplasm staining in Leydig cells. Recommended concentration, 3µg/ml.
Reference	Reference(s): Papp LV, Lu J, Striebel F, Kennedy D, Holmgren A, Khanna KK. The redox state of SECIS binding protein 2 controls its localization and selenocysteine incorporation function. Mol Cell Biol. 2006 Jul;26(13):4895-910. .PMID: 16782878 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**