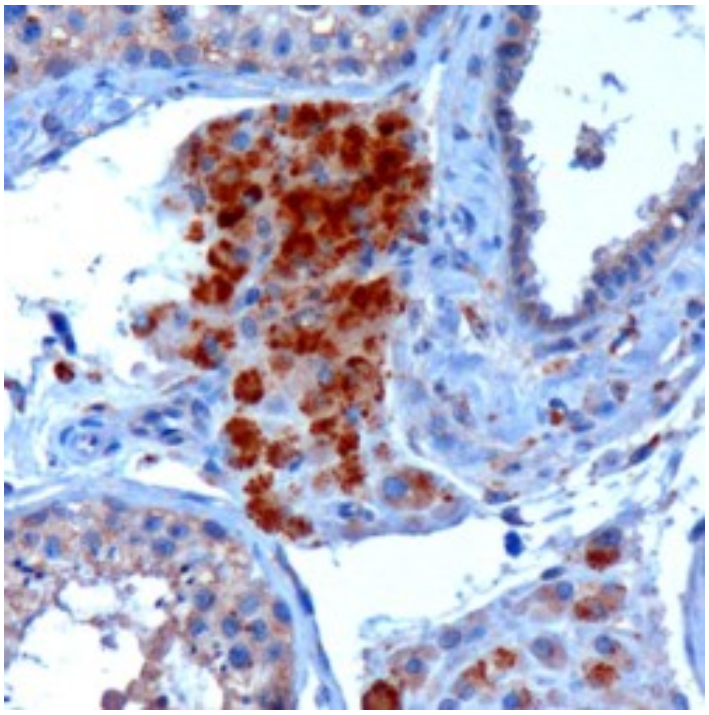
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-SBP2 ANTIBODY

SKU: EB07428



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	selenocysteine insertion sequence binding protein 2|OTTHUMP00000064932|OTTHUMP00000064931|OTTHUMP00000064930|OTTHUMP00000064929|DKFZp686C09169|SECIS binding protein 2|SECISBP2|RP11-89K14.1|SBP2
Usage Summary	Immunocytochemistry/Immunofluorescence: 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.
Accession ID	NP_076982.3
Blocking Peptide	EBP07428
Immunogen	Peptide with sequence C-KERQERKQRLQEN, from the internal region of the protein sequence according to NP_076982.3.

Peptide Sequence	C-KERQERKQRLQEN
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Dog, Pig, Cow
Reactive Species	Human, Mouse
Human Gene ID	79048
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Testis shows granular cytoplasm staining in Leydig cells. Recommended concentration, 3µg/ml.
ELISA Detection Limit	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. This antibody has been successfully used in WB on Mouse: Raman AV et al. (2013) PMID: 24392277. This antibody has been successfully used in WB on Human: Papp LV et al. (2008) PMID: 19004874.
Application Type	Pep-ELISA, WB, IP, IHC, ICC, IF

SELECTED REFERENCES

[{"pmid": 24392277, "intro": "**This antibody has been successfully used in WB on Mouse:**", "title": "Selenoprotein W expression and regulation in mouse brain and neurons.", "author": "Raman AV, Pitts MW, Seyedali A, Hashimoto AC, Bellinger FP, Berry MJ.", "journal": "Brain Behav. 2013 Sep;3(5):562-74."}, {"pmid": 19004874, "intro": "**This antibody has been successfully used in WB and IF/ ICC on Human:**", "title": "Functional characterization of alternatively spliced human SECISBP2 transcript variants.", "author": "Papp LV, Wang J, Kennedy D, Boucher D, Zhang Y, Gladyshev VN, Singh RN, Khanna KK.", "journal": "Nucleic Acids Res. 2008 Dec;36(22):7192-206."}]

DOCUMENTS

- Data Sheet

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GALLERY IMAGES

