

Datasheet for ABIN185714

anti-SECISBP2 antibody (Internal Region)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SECISBP2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SECISBP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	SBP2
Immunogen:	C-KERQERKQRLQEN
Sequence:	KERQERKQRL QEN
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SECISBP2
Alternative Name:	SECISBP2 (SECISBP2 Products)
Background:	SBP2 , RP11-89K14.1, SECISBP2, SECIS binding protein 2 , DKFZp686C09169, OTTHUMP00000064929, OTTHUMP00000064930, OTTHUMP00000064931, OTTHUMP00000064932, selenocysteine insertion sequence binding protein 2
Gene ID:	79048
NCBI Accession:	NP_076982

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Testis shows granular cytoplasm staining in Leydig cells. Recommended concentration, 3 µg/mL.</p> <p>Western Blot: Approx 120 kDa 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</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Comment:	<p>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.</p> <p>Immunoprec</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

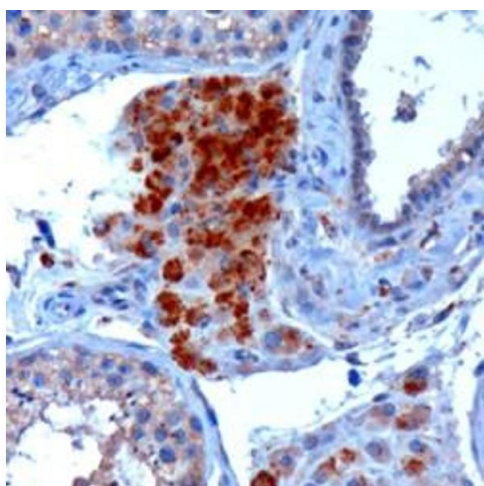
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Raman, Pitts, Seyedali, Hashimoto, Bellinger, Berry: "Selenoprotein W expression and regulation in mouse brain and neurons." in: **Brain and behavior**, Vol. 3, Issue 5, pp. 562-74, (2014) ([PubMed](#)).

Papp, Wang, Kennedy, Boucher, Zhang, Gladyshev, Singh, Khanna: "Functional characterization of alternatively spliced human SECISBP2 transcript variants." in: **Nucleic acids research**, Vol. 36, Issue 22, pp. 7192-206, (2008) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN185714 (3µg/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Western Blotting

Image 2. ABIN185714 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.