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Rabbit Anti-SECISBP2 antibody

SL19622R

Product Name:	SECISBP2
Chinese Name:	硒蛋白SECISBinding protein2抗体
Alias:	DKFZp686C09169; OTTHUMP00000064929; OTTHUMP00000064930; OTTHUMP00000064931; OTTHUMP00000064932; RP11 89K14.1; SBP 2; SBP2; SEBP2_HUMAN; SECIS binding protein 2; SECIS-binding protein 2; SECISBP 2; SECISBP2; Selenocysteine insertion sequence binding protein 2; Selenocysteine insertion sequence-binding protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	95kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SECISBP2:471-570/854
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The incorporation of selenocysteine into a protein requires the concerted action of an mRNA element called a sec insertion sequence (SECIS), a selenocysteine-specific translation elongation factor and a SECIS binding protein. With these elements in

	place, a UGA codon can be decoded as selenocysteine. The gene described in this record encodes a nuclear protein that functions as a SECIS binding protein. Mutations in this gene have been associated with a reduction in activity of a specific thyroxine deiodinase, a selenocysteine-containing enzyme, and abnormal thyroid hormone metabolism. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013] **Function:** Binds to the SECIS element in the 3'-UTR of some mRNAs encoding selenoproteins. Binding is stimulated by SELB. **Subcellular Location:** Nucleus. **Tissue Specificity:** Expressed at high levels in testis. **DISEASE:** Defects in SECISBP2 are a cause of abnormal thyroid hormone metabolism (ATHYHM) [MIM:609698]. This phenotype is associated with a reduction in type II iodothyronine deiodinase activity. **SWISS:** Q96T21 **Gene ID:** 79048 **Database links:** Entrez Gene: 79048 Human Entrez Gene: 464583 Chimpanzee Entrez Gene: 511202 Cow Entrez Gene: 476351 Dog Entrez Gene: 101128509 Gorilla Entrez Gene: 75420 Mouse Entrez Gene: 79049 Rat Entrez Gene: 697442 Rhesus monkey Omim: 607693 Human

	SwissProt: Q96T21 Human SwissProt: Q9QX72 Rat Unigene: 59804 Human Unigene: 25076 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.