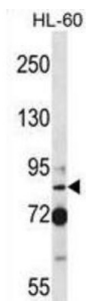


Selenocysteine Insertion Sequence-Binding Protein 2 (SECISBP2) Antibody

Catalogue No.: abx028407



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.

Target:	Selenocysteine Insertion Sequence-Binding Protein 2 (SECISBP2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 501-530 amino acids from the Central region of human SECISBP2.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96T21 (UniProt , ExPASy)

Datasheet

Version: 3.0.0

Revision date: 04 Aug 2025



Gene Symbol: SECISBP2

KEGG: hsa:79048

String: [9606.ENSP00000364965](#)

Molecular Weight: Calculated MW: 95.5 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rat SECISBP2.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only