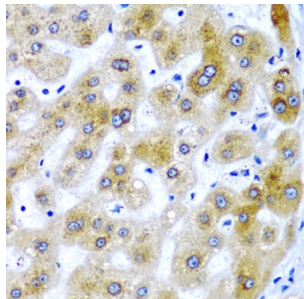
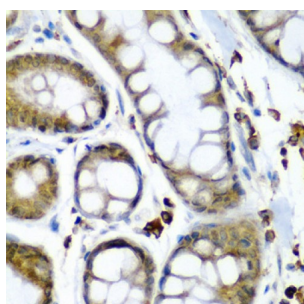


Selenocysteine Insertion Sequence-Binding Protein 2 (SECISBP2) Antibody

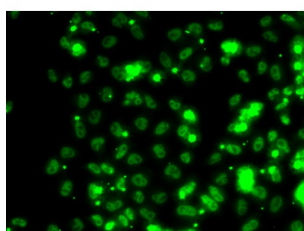
Catalogue No.: abx005167



Immunohistochemistry of paraffin-embedded Human liver damage using SECISBP2 Antibody (1/200 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using SECISBP2 Antibody (1/200 dilution, 40x lens).



Immunofluorescence analysis of HeLa cells using SECISBP2 Antibody

SECISBP2 Antibody is a Rabbit Polyclonal antibody against SECISBP2. 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.

Target:	Selenocysteine Insertion Sequence-Binding Protein 2 (SECISBP2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	IHC, IF/ICC

Datasheet

Version: 4.0.0
Revision date: 28 Jul 2025



Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human SECISBP2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96T21 (UniProt , ExPASy)
Gene Symbol:	SECISBP2
GeneID:	79048
NCBI Accession:	NP_076982.3
KEGG:	hsa:79048
String:	9606.ENSP00000364965
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.