

## SECISBP2

**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**95kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human SECISBP2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

SBP2;

**Catalog #:**A6736

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**79048

**Isotype:**IgG

**Swiss Prot:**Q96T21

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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