

Anti-SECISBP2 Antibody

Catalog Number: A06543-3

About SECISBP2

The protein encoded by this gene is one of the essential components of the machinery involved in co-translational insertion of selenocysteine (Sec) into selenoproteins. Sec is encoded by the UGA codon, which normally signals translation termination. The recoding of UGA as Sec codon requires a Sec insertion sequence (SECIS) element; present in the 3' untranslated regions of eukaryotic selenoprotein mRNAs. This protein specifically binds to the SECIS element, which is stimulated by a Sec-specific translation elongation factor. Mutations in this gene have been associated with reduction in enzymatic activity of type II iodothyronine deiodinase (a selenoprotein) and abnormal thyroid hormone metabolism. Alternatively spliced transcript variants have been found for this gene.

Overview

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| Product Name | Anti-SECISBP2 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-SECISBP2 Antibody catalog # A06543-3. Tested in WB, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IP, IF, ICC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q96T21 |

Technical Details

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| Immunogen | E.coli-derived human SECISBP2 recombinant protein (Position: S510-L854). |
| Form | Liquid |
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000 |

Immunocytochemistry/Immunofluorescence, 1:50-400
Immunoprecipitation, 1:50
ELISA, 1:100-1000

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Anti-SECISBP2 Antibody

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