

硒蛋白 SECIS 结合蛋白 2 抗体

产品货号： mIR19622

英文名称： SECISBP2

中文名称： 硒蛋白 SECIS 结合蛋白 2 抗体

别名： 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.

研究领域： 细胞生物 发育生物学 信号转导 干细胞 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 95kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human SECISBP2:471-570/854

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : 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

产品介绍 : 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

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.