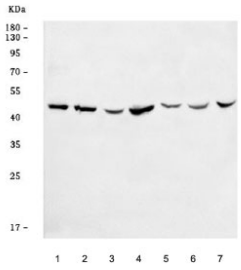
Seipin Antibody / BSCL2 (RQ7153)

Catalog No.	Formulation	Size
RQ7153	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96G97
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Seipin antibody is available for research use only.



Western blot testing of 1) human 293T, 2) human HeLa, 3) human U-87 MG, 4) human HaCaT, 5) rat testis, 6) rat brain and 7) mouse brain tissue lysate with Seipin antibody. Predicted molecular weight ~44 kDa.

Description

Seipin is a protein that in humans is encoded by the BSCL2 gene. This gene encodes the multi-pass transmembrane protein protein seipin. This protein localizes to the endoplasmic reticulum and may be important for lipid droplet morphology. Mutations in this gene have been associated with congenital generalized lipodystrophy type 2 or Berardinelli-Seip syndrome, a rare autosomal recessive disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HNRNPUL2 (heterogeneous

nuclear ribonucleoprotein U-like 2).

Application Notes

Optimal dilution of the Seipin antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A87-P231) was used as the immunogen for the Seipin antibody.

Storage

After reconstitution, the Seipin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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