



Mouse anti-Human BSCL2 monoclonal antibody, clone 2H5 (CABT-B9864)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BSCL2 (NP_116056, 259 a.a. ~ 358 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2H5
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	WGGIWPRHRFSLQVNIRKRDNSRKEVQRRISAHQPGPEGQEESTPQSDVTEDGESPEDPS GTEGQLSEEEKPDQQPLSGEEELEPEASDGSGSWEDAAL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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). [provided by RefSeq, Mar 2011]

Keywords	BSCL2; Berardinelli-Seip congenital lipodystrophy 2 (seipin); HMN5; PELD; SPG17; GNG3LG; seipin; Berardinelli-Seip congenital lipodystrophy type 2 protein;
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GENE INFORMATION

Entrez Gene ID [26580](#)

UniProt ID [Q96G97](#)

Pathway Adipogenesis, organism-specific biosystem

Function molecular_function