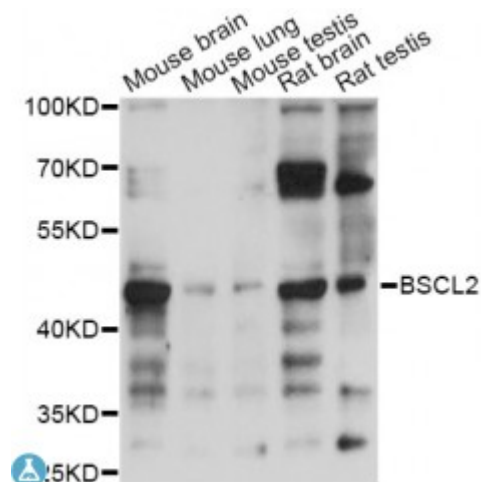


Anti-BSCL2 Antibody



Description

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).

Model	STJ116793
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human BSCL2 (NP_116056.3).
Gene ID	26580
Gene Symbol	BSCL2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in motor neurons in the spinal cord and cortical neurons in the frontal lobe (at protein level), Highly expressed in brain, testis and adipose tissue
Purification	Affinity purification

Note	For Research Use Only (RUO).
Protein Name	Seipin Bernardinelli-Seip congenital lipodystrophy type 2 protein
Molecular Weight	44.392 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:15832OMIM:269700
Alternative Names	Seipin Bernardinelli-Seip congenital lipodystrophy type 2 protein
Function	Is a regulator of lipid catabolism essential for adipocyte differentiation, May also be involved in the central regulation of energy homeostasis , Necessary for correct lipid storage and lipid droplets maintenance
Cellular Localization	Endoplasmic reticulum membrane

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