

BCS1L

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 48kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human BCS1L

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BCS; BJS; PTD; BCS1; FLNMS; h-BCS; MC3DN1; GRACILE; Hs.6719;

Catalog #: A7647

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 617

Isotype: IgG

Swiss Prot: Q9Y276

Purity: Affinity purification

For research use only.

Background:

This gene encodes a homolog of the *S. cerevisiae* bcs1 protein which is involved in the assembly of complex III of the mitochondrial respiratory chain. The encoded protein does not contain a mitochondrial targeting sequence but experimental studies confirm that it is imported into mitochondria. Mutations in this gene are associated with mitochondrial complex III deficiency and the GRACILE syndrome. Five alternatively spliced transcripts encoding the same protein have been described.

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