

## 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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