

BCS1 rabbit pAb

Cat No.: ES18080

For research use only

Overview

Product Name BCS1 rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse Recommended dilutions WB 1: 500-2000

Immunogen Synthesized peptide derived from human BCS1 AA

range: 29-79

Specificity This antibody detects endogenous levels of BCS1 at

Human/Mouse

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name BCS1

Gene Name BCS1L BCS1

Cellular localization Mitochondrion inner membrane; Single-pass

membrane protein.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 617 Human Swiss-Prot Number Q9Y276

Alternative Names

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

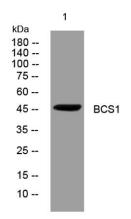
mitochondria. Mutations in this gene are associated with mitochondrial complex III deficiency and the



+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com





GRACILE syndrome. Several alternatively spliced transcripts encoding two different isoforms have been described. [provided by RefSeq, Jan 2016],

Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4° over night



+86-27-59760950