BCS1L Rabbit Polyclonal Antibody

CAB7647

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

48kDa

Calculated MW:

47kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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. Several alternatively spliced transcripts encoding two different isoforms have been described.

Immunogen information

Gene ID:
617

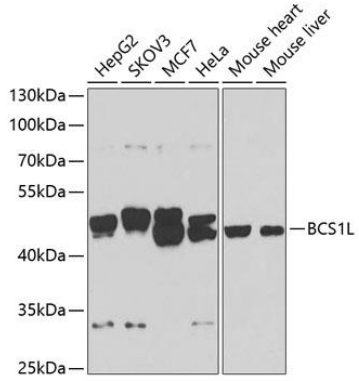
Uniprot
Q9Y276

Synonyms:
BCS1L; BCS; BCS1; BJS; FLNMS; GRACILE; Hs.6719; MC3DN1; PTD; h-BCS; h-BCS1

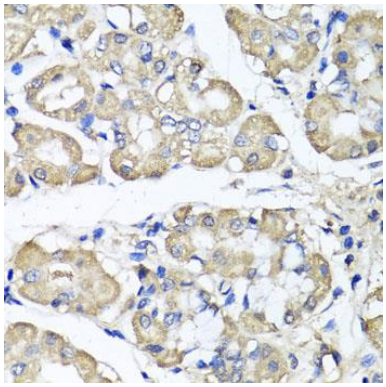
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 33-240 of human BCS1L (NP_004319.1).

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

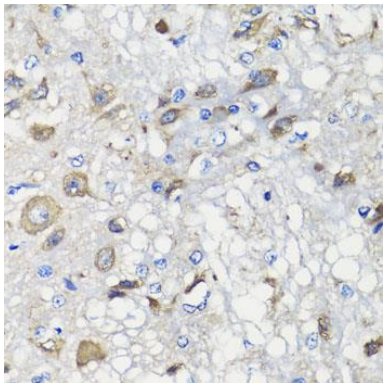
Product Images



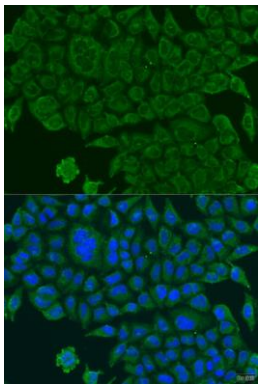
Western blot analysis of extracts of various cell lines, using BCS1L antibody (CAB7647) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human stomach using BCS1L antibody (CAB7647) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using BCS1L antibody (CAB7647) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using BCS1L antibody (CAB7647) at dilution of 1:100. Blue: DAPI for nuclear staining.

