

Product datasheet

info@arigobio.com

ARG58373 anti-BCS1L antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes BCS1L

Tested Reactivity Hu, Ms
Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name BCS1L

Species Human

Immunogen Recombinant protein corresponding to aa. 33-240 of Human BCS1L.

Conjugation Un-conjugated

Alternate Names BCS1; FLNMS; h-BCS; PTD; GRACILE; BCS1-like protein; BJS; Hs.6719; MC3DN1; Mitochondrial

chaperone BCS1; h-BCS1; BCS

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100
	WB	5 μg/ml
• • •	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol BCS1L

Gene Full Name BC1 (ubiquinol-cytochrome c reductase) synthesis-like

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. [provided by RefSeq, Mar 2012]

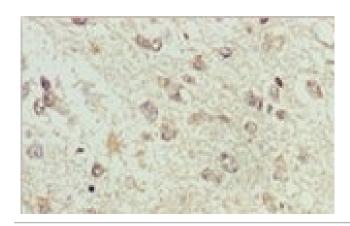
Function Chaperone necessary for the assembly of mitochondrial respiratory chain complex III. Plays an

important role in the maintenance of mitochondrial tubular networks, respiratory chain assembly and

formation of the LETM1 complex. [UniProt]

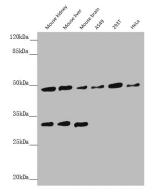
Calculated Mw 48 kDa

Images



ARG58373 anti-BCS1L antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human glioma cancer stained with ARG58373 anti-BCS1L antibody at 1:100 dilution.



ARG58373 anti-BCS1L antibody WB image

Western blot: Mouse kidney, Mouse liver, Mouse brain, A549, 293T and HeLa whole cell lysates stained with ARG58373 anti-BCS1L antibody at 5 μ g/ml dilution.