

Rabbit BCS1L Polyclonal Antibody | anti-BCS1L antibody

BCS1L Antibody

CATALOG # AAA323013	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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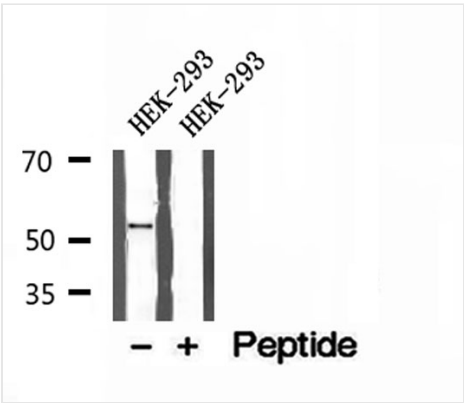
PRODUCT SYNONYMS

BCS1L; Polyclonal Antibody; BCS1L Antibody; BCS 1; BCS 1L; BCS; BCS1 (yeast homolog) like; BCS1; BCS1 like (S. cerevisiae); BCS1 like; BCS1 like protein; Bjornstad syndrome (pili torti and deafness); BJS; FLNMS; GRACILE; h BCS; H BCS1; Hs.6719; Mitochondrial chaperone BCS1; Mitochondrial complex III assembly; PTD; anti-BCS1L antibody

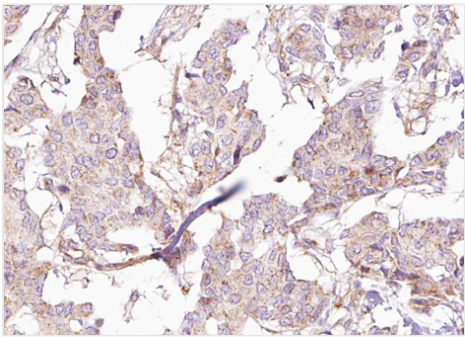
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BCS1L antibody detects endogenous levels of BCS1L.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-BCS1L antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BCS1L.
Subcellular Location	Mitochondrial. Mitochondrion inner membrane. Single-pass membrane protein.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (92%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

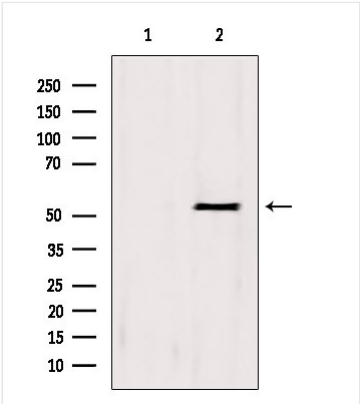
IMAGES



WB (Western Blot)
Western blot analysis of extracts of HEK-293 cells, using BCS1L antibody.



IHC (Immunohistochemistry)
AAA323013 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using BCS1L antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BCS1L antibody	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. Subunit Structure: Interacts with LETM1. Similarity: Belongs to the AAA ATPase family. BCS1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119964730
NCBI GeneID	617
NCBI Accession #	NP_001073335.1
NCBI GenBank Nucleotide #	NM_001079866.1
UniProt Accession #	Q9Y276; Q7Z2V7; B3KTW9
Molecular Weight	Observed: 50-55 kDa Predicted: 48 kDa
NCBI Official Full Name	mitochondrial chaperone BCS1 isoform a
NCBI Official Synonym Full Names	BCS1 homolog, ubiquinol-cytochrome c reductase complex chaperone
NCBI Official Symbol	BCS1L

NCBI Official Synonym Symbols	BCS; BJS; PTD; BCS1; FLNMS; h-BCS; MC3DN1; h-BCS1; GRACILE; Hs.6719
NCBI Protein Information	mitochondrial chaperone BCS1
UniProt Protein Name	Mitochondrial chaperone BCS1
UniProt Gene Name	BCS1L
UniProt Synonym Gene Names	BCS1; h-BCS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcs1l-antibody-immunohistochemistry-western-blot-elisa/323013>