

**KRCC1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16855b****Specification**

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**KRCC1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9NPI7](#)**KRCC1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51315**Other Names**

Lysine-rich coiled-coil protein 1, Cryptogenic hepatitis-binding protein 2, KRCC1, CHBP2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**KRCC1 Antibody (C-term) Blocking Peptide - Protein Information****Name** KRCC1**Synonyms** CHBP2**KRCC1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**KRCC1 Antibody (C-term) Blocking Peptide - Images****KRCC1 Antibody (C-term) Blocking Peptide - Background**

KRCC1 (lysine-rich coiled-coil 1), also known as CHBP2 (cryptogenic hepatitis-binding protein 2), is a 259 amino acid protein that is encoded by a gene located on human chromosome 2p11.2. Consisting of 237 million bases, chromosome 2 is the second largest human chromosome and encodes over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An

extremely rare recessive genetic disorder, Alström syndrome, is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.

#### **KRCC1 Antibody (C-term) Blocking Peptide - References**

Johnson, A.D., et al. Hum. Mol. Genet. 18(14):2700-2710(2009)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)