

B9D2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP4952a

Specification

B9D2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9BPU9](#)

B9D2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 80776

Other Names

B9 domain-containing protein 2, MKS1-related protein 2, B9D2, MKSR2

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.

B9D2 Antibody (N-term) Blocking Peptide - Protein Information

Name B9D2

Synonyms MKSR2

Function

Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes.

Cellular Location

Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, cilium axoneme. Nucleus

B9D2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

B9D2 Antibody (N-term) Blocking Peptide - Images

B9D2 Antibody (N-term) Blocking Peptide - Background

B9D2 encodes a B9 domain protein, which are exclusively found in ciliated organisms. The gene is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects.

B9D2 Antibody (N-term) Blocking Peptide - References

Bialas, N.J., et al. J. Cell. Sci. 122 (PT 5), 611-624 (2009) Town, T., et al. Proc. Natl. Acad. Sci. U.S.A. 105(8):2853-2858(2008)Ponsard, C., et al. Front. Biosci. 12, 1661-1669 (2007)