10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CYB5D1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17685c

Specification

CYB5D1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q6P9G0

CYB5D1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 124637

Other Names
Cytochrome b5 domain-containing protein 1, CYB5D1

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.

CYB5D1 Antibody (Center) Blocking Peptide - Protein Information

Name CYB5D1 (HGNC:26516)

Function
Radial spoke stalk protein that binds heme under oxidizing conditions. Required for the coordinated beating of multiple cilia maybe by functioning in a redox signaling pathway.

Cellular Location
Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q567I9}. Note=Localizes to the radial spoke stalk. {ECO:0000250|UniProtKB:Q567I9}

CYB5D1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

CYB5D1 Antibody (Center) Blocking Peptide - Images

CYB5D1 Antibody (Center) Blocking Peptide - Background

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CYB5D1 belongs to the cytochrome b5 family and contains 1 cytochrome b5 heme-binding domain. Cytochromes b5 are ubiquitous electron transport proteins found in animals, plants and yeasts. There are 2 named isoforms produced by alternative splicing.

CYB5D1 Antibody (Center) Blocking Peptide - References

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)