

FA83D Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12519b**Specification**

FA83D Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9H4H8](#)**FA83D Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 81610**Other Names**

Protein FAM83D, Spindle protein CHICA, FAM83D, C20orf129

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.

FA83D Antibody (C-term) Blocking peptide - Protein Information**Name** FAM83D ([HGNC:16122](#))**Function**

Through the degradation of FBXW7, may act indirectly on the expression and downstream signaling of MTOR, JUN and MYC (PubMed:24344117). May play also a role in cell proliferation through activation of the ERK1/ERK2 signaling cascade (PubMed:25646692). May also be important for proper chromosome congression and alignment during mitosis through its interaction with KIF22 (PubMed:18485706).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, spindle Cytoplasm, cytoskeleton, spindle pole. Note=Primarily cytoplasmic during interphase, but at prophase, associates with spindle microtubules, with a clear concentration toward the spindle poles. It persists on spindle microtubules through metaphase and anaphase

Tissue Location

Expressed in the testis.

FA83D Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FA83D Antibody (C-term) Blocking peptide - Images**FA83D Antibody (C-term) Blocking peptide - Background**

FA83D is required for proper chromosome congression and alignment during mitosis. Required for targeting KIF22/KID to the spindle microtubules.

FA83D Antibody (C-term) Blocking peptide - References

Santamaria, A., et al. Curr. Biol. 18(10):723-729(2008) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Deloukas, P., et al. Nature 414(6866):865-871(2001)