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FA83D Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12519b

Specification

FA83D Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H4H8
Other Accession	NP_112181.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	64424
Antigen Region	357-385

FA83D Antibody (C-term) - Additional Information

Gene ID 81610

Other Names
Protein FAM83D, Spindle protein CHICA, FAM83D, C20orf129

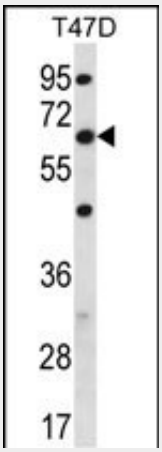
Target/Specificity
This FA83D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 357-385 amino acids from the C-terminal region of human FA83D.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FA83D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.



FAM83D Antibody (C-term) (Cat. #AP12519b) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the FAM83D antibody detected the FAM83D protein (arrow).

FA83D Antibody (C-term) - 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) - 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)

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FA83D Antibody (C-term) - Protein Information

Name FAM83D (HGNC:16122)

Function
Probable proto-oncogene that regulates cell proliferation, growth, migration and epithelial to mesenchymal transition. 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.

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

FA83D Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture