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FAM44B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9969a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96IK1
Other Accession	Q6AYJ2, Q5SQY2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23890
Calculated MW	19196
Antigen Region	127-155

Additional Information

Gene ID	91272
Other Names	Biorientation of chromosomes in cell division protein 1, Biorientation defective protein 1, Protein FAM44B, BOD1, FAM44B
Target/Specificity	This FAM44B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-155 amino acids from the C-terminal region of human FAM44B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
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	FAM44B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BOD1
Synonyms	FAM44B

Function	Required for proper chromosome biorientation through the detection or correction of syntelic attachments in mitotic spindles.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Note=Localizes at the centrosomes throughout the cell cycle, only dissociating during cytokinesis. Localizes at the kinetochore from prometaphase until anaphase

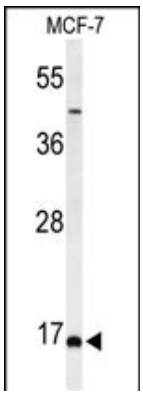
Background

FAM44B required for proper chromosome biorientation through the detection or correction of syntelic attachments in mitotic spindles.

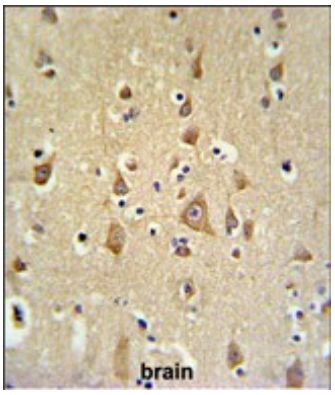
References

Ling, H., et al. Obesity (Silver Spring) 17(4):737-744(2009)
Porter, I.M., et al. J. Cell Biol. 179(2):187-197(2007)

Images

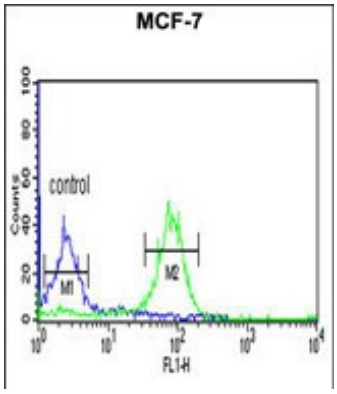


Western blot analysis of FAM44B Antibody (C-term) (Cat. #AP9969a) in MCF-7 cell line lysates (35ug/lane). FAM44B (arrow) was detected using the purified Pab.



FAM44B Antibody (C-term) (Cat. #AP9969a) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FAM44B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

FAM44B Antibody (C-term) (Cat. #AP9969a) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.