

Rabbit FAM44B Polyclonal Antibody | anti-BOD1 antibody

FAM44B Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289012	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

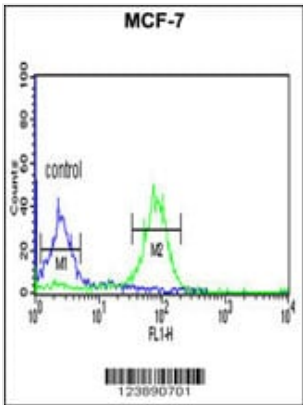
PRODUCT SYNONYMS

FAM44B; Polyclonal Antibody; FAM44B Antibody (C-term); Biorientation of chromosomes in cell division protein 1; Biorientation defective protein 1; Protein FAM44B; BOD1; anti-BOD1 antibody

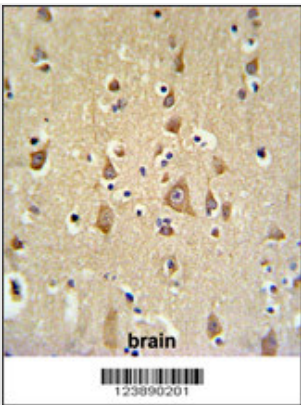
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.326 (varies by lot)
Sequence Positions	127-155
Sequence Length	129
Applicable Applications for anti-BOD1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

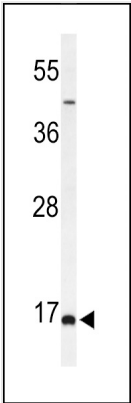
IMAGES



FCM/FACS (Flow Cytometry)
FAM44B Antibody (C-term) 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.



IHC (Immunohiostchemistry)
FAM44B Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-BOD1 antibody	FAM44B required for proper chromosome biorientation through the detection or correction of syntelic attachments in mitotic spindles.
Product Categories/Family for anti-BOD1 antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	229089137
NCBI GeneID	91272
NCBI Accession #	NP_001153123.1; NP_612378.1
NCBI GenBank Nucleotide #	NM_001159651.1
UniProt Accession #	Q96IK1; Q9BTW1; B4DXH8
Molecular Weight	19196

NCBI Official Full Name	biorientation of chromosomes in cell division protein 1 isoform b
NCBI Official Synonym Full Names	biorientation of chromosomes in cell division 1
NCBI Official Symbol	BOD1
NCBI Official Synonym Symbols	FAM44B
NCBI Protein Information	biorientation of chromosomes in cell division protein 1
UniProt Protein Name	Biorientation of chromosomes in cell division protein 1
UniProt Gene Name	BOD1
UniProt Synonym Gene Names	FAM44B
UniProt Entry Name	BOD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fam44b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289012>