

BOD1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3121a**Specification**

BOD1 Antibody (internal region) - Product Information

Application	E
Primary Accession	O96IK1
Other Accession	NP_612378.1 , NP_001153123.1 , 91272 , 69556 (mouse), 287173 (rat)
Predicted	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	19196

BOD1 Antibody (internal region) - Additional Information**Gene ID** 91272**Other Names**

Biorientation of chromosomes in cell division protein 1, Biorientation defective protein 1, Protein FAM44B, BOD1, FAM44B

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BOD1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

BOD1 Antibody (internal region) - 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

BOD1 Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BOD1 Antibody (internal region) - Images**BOD1 Antibody (internal region) - Background**

This antibody is expected to recognize isoforms a and b (NP_612378.1; NP_001153123.1).

BOD1 Antibody (internal region) - References

Bod1, a novel kinetochore protein required for chromosome biorientation. Porter IM, McClelland SE, Khoudoli GA, Hunter CJ, Andersen JS, McAinsh AD, Blow JJ, Swedlow JR, The Journal of cell biology 2007 Oct 179 (2): 187-97. PMID: 17938248