10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BOD1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3121a

Specification

BOD1 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q96IK1
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

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 Cytomety
- 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