

BOD1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS16597**Specification**

BOD1 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O96IK1
Other Accession	91272
Reactivity	Human, Mouse, Rat, Hamster, Monkey, Pig, Chicken, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	19196

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

BOD1, Biorientation defective 1, Protein FAM44B, FAM44B

Target/Specificity

Human BOD1. This antibody is expected to recognize isoforms a and b (NP_612378.1; NP_001153123.1).

Reconstitution & Storage

Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

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

BOD1 Antibody (Internal) - 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

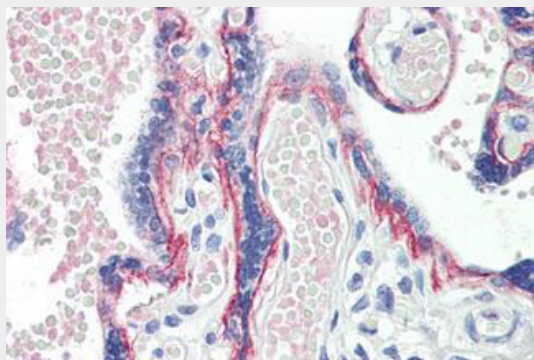
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Note=Localizes at the centrosomes throughout the cell cycle, only dissociating during cytokinesis. Localizes at the kinetochore from prometaphase until anaphase

BOD1 Antibody (Internal) - 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) - Images



Anti-BOD1 antibody IHC staining of human placenta.

BOD1 Antibody (Internal) - Background

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

BOD1 Antibody (Internal) - References

Li H.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Porter I.M.,et al.J. Cell Biol. 179:187-197(2007).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).