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BOD1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS16597

Specification

BOD1 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q96IK1
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

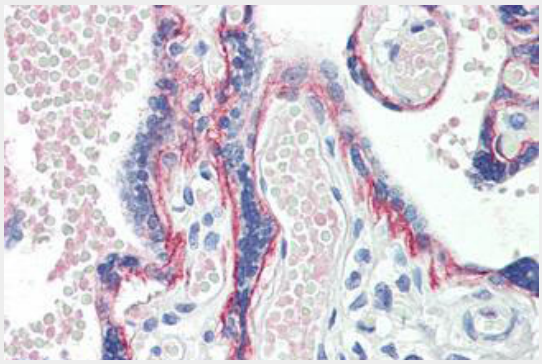
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BOD1 Antibody (Internal) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).