

Goat anti-BOD1 Antibody

Item Number	dAP-2033
Target Molecule	Principle Name: BOD1; Official Symbol: BOD1; All Names and Symbols: BOD1; biorientation of chromosomes in cell division 1; FAM44B; biorientation defective 1; family with sequence similarity 44, member B; Accession Number (s): NP_612378.1; NP_001153123.1; Human Gene ID(s): 91272; Non-Human GeneID (s): 69556 (mouse) 287173 (rat)
Immunogen	NFVSTHLDKQE, is from internal region This antibody is expected to recognize isoforms a and b (NP_612378.1; NP_001153123.1).
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 37kDa band in Human Lung and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 10µg/ml.
Reference	Reference(s): Porter IM, McClelland SE, Khoudoli GA, Hunter CJ, Andersen JS, McAinsh AD, Blow JJ, Swedlow JR, Bod1, a novel kinetochore protein required for chromosome biorientation. The Journal of cell biology 2007 Oct 179 (2): 187-97..PMID: 17938248->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**