

## Goat anti-BBS4 (aa 125-139) Antibody

Item Number	dAP-2291
Target Molecule	Principle Name: BBS4 (aa 125-139); Official Symbol: BBS4; All Names and Symbols: BBS4; Bardet-Biedl syndrome 4; Bardet-Biedl syndrome 4 protein; Accession Number (s): NP_149017.2; Human Gene ID(s): 585; Non-Human GeneID(s): 102774 (mouse)
Immunogen	NEAAKLNQKDWEISH, is from Internal Region
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in lysates of cell line HeLa (calculated MW of 58.3kDa according to NP_149017.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Shah AS, Farmen SL, Moninger TO, Businga TR, Andrews MP, Bugge K, Searby CC, Nishimura D, Brogden KA, Kline JN, Sheffield VC, Welsh MJ, Loss of Bardet-Biedl syndrome proteins alters the morphology and function of motile cilia in airway epithelia. Proceedings of the National Academy of Sciences USA 2005; 102: 13232-13237.

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 end users! This product is sold for **Research Use Only**