

Goat anti-PGBD1 Antibody

Item Number	dAP-1564
Target Molecule	Principle Name: PGBD1; Official Symbol: PGBD1 ; All Names and Symbols: PGBD1 ; piggyBac transposable element derived 1 ; HUCEP-4; SCAND4; dJ874C20.4; OTTHUMP00000039508; cerebral protein-4; Accession Number (s): NP_115896.1; Human Gene ID(s): 84547; Non-Human GeneID(s):
Immunogen	EKWSHLSLTRRN, is from internal region
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 150kDa and 17kDa in lysates of cell lines HeLa, HepG2 and K562 after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe
IHC	
Reference	Reference(s): Wu SC, Meir YJ, Coates CJ, Handler AM, Pelczar P, Moisyadi S, Kaminski JM. piggyBac is a flexible and highly active transposon as compared to sleeping beauty, Tol2, and Mos1 in mammalian cells. Proc Natl Acad Sci U S A. 2006 Oct 10;103(41):15008-13. Epub 2006 Sep 27.. PMID: 17005721 ->

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**