

Goat anti-Pescadillo Antibody

Item Number	dAP-0485
Target Molecule	Principle Name: Pescadillo; Official Symbol: PES1; All Names and Symbols: PES1; pescadillo homolog 1, containing BRCT domain (zebrafish); PES; pescadillo (zebrafish) homolog 1, containing BRCT domain; Accession Number (s): NP_055118.1; Human Gene ID(s): 23481; Non-Human GenID(s): 64934 (mouse)
Immunogen	GGLEKKKYERGSA, is from N Terminus
Applications	Pep ELISA, WB, 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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in HeLa lysate (calculated MW of 68kDa according to NP_055118). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows nucleolar staining in spermatocytes and spermatids. Recommended concentration, 2.5-3.8µg/ml.
Reference	Reference(s): Allende ML, Amsterdam A, Becker T, Kawakami K, Gaiano N, Hopkins N. Insertional mutagenesis in zebrafish identifies two novel genes, pescadillo and dead eye, essential for embryonic development. <i>Genes Dev.</i> 1996 Dec 15;10(24):3141-55.. PMID: 8985183 ->

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**