

Goat anti-PLRG1 Antibody

Item Number	dAP-0040
Target Molecule	Principle Name: PLRG1; Official Symbol: PLRG1; All Names and Symbols: PLRG1; pleiotropic regulator 1 (PRL1 homolog, Arabidopsis); PRL1; MGC110980; pleiotropic regulator 1 (PRL1, Arabidopsis homolog); pleiotropic regulator 1 (PRL1 homolog, Arabidopsis); pleiotropic regulator 1 (PRL1, Arabidopsis homolog); Accession Number (s): NP_002660.1; NP_001188493.1; Human Gene ID(s): 5356; Non-Human GeneID (s): 60376 (rat)
Immunogen	PVSWKPEIIKRKRF, is from C Terminus This antibody is expected to recognise isoform 1 (NP_002660.1) and isoform 2 (NP_001188493.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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: Approx 60kDa band observed in nuclear lysates of cell lines HEK293 and NIH3T3 (calculated MW of 57.2kDa according to Human NP_002660.1 and 56.9kDa according to Mouse NP_058064.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Ajuh P, Lamond AI Identification of peptide inhibitors of pre-mRNA splicing derived from the essential interaction domains of CDC5L and PLRG1 Nucleic Acids Res. 2003 Nov 1;31(21):6104-16.PMID: 14576297->

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**