



Goat anti-PPPDE1 / PNAS4 Antibody

Item Number	dAP-2318
Target Molecule	Principle Name: PPPDE1 / PNAS4; Official Symbol: PPPDE1; All Names and Symbols: PPPDE1; PPPDE peptidase domain containing 1; C1orf121; CGI-146; FAM152A; FLJ21998; PNAS-4; family with sequence similarity 152, member A; Accession Number (s): NP_057160.2; Human Gene ID(s): 51029; Non-Human GeneID(s): 78825 (mouse) 289277 (rat)
Immunogen	ELGKEYKGNAYH, is from internal region
Applications	Pep ELISA, WB Trf, 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: In transfected HEK293 transiently expressing full-length Human PPPDE1(myc and DYKDDDDK tagged), a band of approx. 30kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody
IHC	Immunohistochemistry: Paraffin embedded Human Skin. Recommended concentration: 10µg/ml.
Reference	Reference(s): Yan F, Gou L, Yang J, Chen L, Tong A, Tang M, Yuan Z, Yao S, Zhang P, Wei Y, A novel pro-apoptosis gene PNAS4 that induces apoptosis in A549 human lung adenocarcinoma cells and inhibits tumor growth in mice. Biochimie 2009 Apr 91 (4): 502-7..PMID: 19133312->

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**