

Goat anti-PAR6alpha / PARD6A Antibody

Item Number	dAP-0290
Target Molecule	Principle Name: PAR6alpha / PARD6A; Official Symbol: PARD6A; All Names and Symbols: PARD6A; PAR6alpha; PAR-6; TAX40; PAR-6A; TIP-40; par-6 partitioning defective 6 homolog alpha (C.elegans); Tax interacting protein 40; par-6 (partitioning defective 6, C.elegans) homolog alpha; PAR6; PAR6C; Tax-interacting protein 40; par-6 partitioning d; Accession Number (s): NP_058644.1; NP_001032358.1; Human Gene ID(s): 50855; Non-Human GenelD(s):
Immunogen	GSRIRGDGSGFSL, is from C Terminus This antibody is expected to recognise both reported isoforms (NP_058644.1; NP_001032358.1).
Applications	Pep ELISA, 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 8000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Brain and Pancreas extracts at up to 1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Pancreas, shows strong cytoplasmic staining in rare cells of intralobular ducts. Recommended concentration: 10µg/ml. Also tested in paraffin embedded Human Heart where it shows speckled staining on myocar
Reference	Reference(s): Johansson A, Driessens M, Aspenstrom P. The mammalian homologue of the <i>Caenorhabditis elegans</i> polarity protein PAR-6 is a binding partner for the Rho GTPases Cdc42 and Rac1. <i>J Cell Sci.</i> 2000 Sep;113 (Pt 18):3267-75. PMID: 10954424 ->

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**