

Goat anti-CDKAL1 Antibody

Item Number	dAP-1676
Target Molecule	Principle Name: CDKAL1; Official Symbol: CDKAL1; All Names and Symbols: CDK5 regulatory subunit associated protein 1-like 1 ; FLJ20342; FLJ46705; MGC75469; Accession Number (s): NP_060244.2; Human Gene ID(s): 54901; Non-Human GeneID(s): 68916 (mouse) 361243 (rat)
Immunogen	QVKKQRTKDLSR, is from internal region
Applications	Pep ELISA, WB 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 64000.
Western Blot	Western Blot: This antibody has been described in a publication and it has been successfully used on Human islets and pancreatic insulinoma INS-1 and MIN6 cells . Preliminary experiments gave an approx. 39kDa band in Human Brain (Cerebellum) lysates after
IHC	
Reference	Reference(s): Zeggini E, Weedon MN, Lindgren CM, Frayling TM, Elliott KS, Lango H, Timpson NJ, Perry JR, Rayner NW, Freathy RM, Barrett JC, Shields B, Morris AP, Ellard S, Groves CJ, Harries LW, Marchini JL, Owen KR, Knight B, Cardon LR, Walker M, Hitman GA, Morris AD Replication of genome-wide associa-

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**