

Goat anti-MARK4L Antibody

Item Number	dAP-0245
Target Molecule	Principle Name: MARK4L; Official Symbol: MARK4; All Names and Symbols: MARK4; MAP/microtubule affinity-regulating kinase 4; MARKL1; KIAA1860; Nbla00650; MARK4 serine/threonine protein kinase; MAP/microtubule affinity-regulating kinase like 1; FLJ90097; putative protein product of Nbla00650; Accession Number (s): NP_113605.2; Human Gene ID(s): 57787; Non-Human GeneID(s):
Immunogen	IKRKPPPGCSDSPGV, is from C Terminus This antibody is expected to recognize the reported long isoform 1 (NP_113605.2) only.
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Prostate lysates (calculated MW of 75.3kDa according to NP_113605.2). Recommended concentration: 0.3-1µg/ml.
IHC	

Reference	Reference(s): Kato T, Satoh S, Okabe H, Kitahara O, Ono K, Kihara C, Tanaka T, Tsunoda T, Yamaoka Y, Nakamura Y, Furukawa Y. Isolation of a novel human gene, MARKL1, homologous to MARK3 and its involvement in hepatocellular carcinogenesis. Neoplasia. 2001 Jan-Feb;3(1):4-9..PMID: 11326310->
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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**