

Goat anti-MAPRE3 (aa151-164) Antibody

Item Number	dAP-2062
Target Molecule	Principle Name: MAPRE3 (aa151-164); Official Symbol: MAPRE3; All Names and Symbols: MAPRE3; microtubule-associated protein, RP/EB family, member 3; EB3; EBF3; EBF3-S; RP3; APC binding protein; Accession Number (s): NP_036458.2; Human Gene ID(s): 22924; Non-Human GeneID(s): 100732 (mouse)
Immunogen	KLIGTAVPQRTSPT, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 33kDa band observed in Human (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 32.0kDa according to Human NP_036458.2, Mouse NP_579928.1 and Rat NP_001007657.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Komarova Y, De Groot CO, Grigoriev I, Gouveia SM, Munteanu EL, Schober JM, Honnappa S, Buey RM, Hoogenraad CC, Dogterom M, Borisy GG, Steinmetz MO, Akhmanova A, Mammalian end binding proteins control persistent microtubule growth. The Journal of cell biology 2009 Mar 184 (5): 691-

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**