

Goat anti-RIC8A / Synembryn Antibody

Item Number	dAP-0543
Target Molecule	Principle Name: RIC8A / Synembryn; Official Symbol: RIC8A; All Names and Symbols: RIC8A; synembryn; resistance to inhibitors of cholinesterase 8 homolog A (C. elegans); MGC104517; MGC131931; RIC8; RIC8 protein; resistance to inhibitors of cholinesterase 8 homolog A; MGC148073; MGC148074; Accession Number (s): NP_068751.4; Human Gene ID(s): 60626; Non-Human GeneID(s): 101489 (mouse)
Immunogen	CLSSDPDSDPD, is from C Terminus
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 32000.
Western Blot	Western Blot: Approx 70kDa band observed in human brain lysates (calculated MW of 60.4kDa according to NP_068751.4). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Klattenhoff C, Montecino M, Soto X, Guzman L, Romo X, Garcia MA, Mellstrom B, Naranjo JR, Hinrichs MV, Olate J. Human brain synembryn interacts with Gαalpha and Gqalpha and is translocated to the plasma membrane in response to isoproterenol and carbachol. J Cell Physiol. 2003 May;195(2):151-

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**