

Goat anti-Unc13b (mouse) Antibody

Item Number	dAP-2463
Target Molecule	Principle Name: Unc13b (mouse); Official Symbol: Unc13b; All Names and Symbols: Unc13b; unc-13 homolog B (C. elegans); Munc13-2; Unc13h2; unc-13 homolog B; Accession Number (s): NP_074053.1; NP_001036044.1; Human Gene ID(s): ; Non-Human GeneID(s): 22249 (mouse) 64830 (rat)
Immunogen	PLRDVAAKGSC, is from internal region This antibody is expected to recognize all reported isoforms (NP_074053.1; NP_001036044.1).
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 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 110kDa band in Rat Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 184kDa ac
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Andrews-Zwilling YS, Kawabe H, Reim K, Varoqueaux F, Brose N, Binding to Rab3A-interacting molecule RIM regulates the presynaptic recruitment of Munc13-1 and ubMunc13-2. The Journal of biological chemistry 2006 Jul 281 (28): 19720-31..PMID: 16704978->

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**