



## Goat anti-UNC5B (aa629-643) Antibody

<b>Item Number</b>	dAP-3028
<b>Target Molecule</b>	Principle Name: UNC5B (aa629-643); Official Symbol: UNC5B; All Names and Symbols: UNC5B; unc-5 homolog B (C. elegans); UNC5H2; p53RDL1; netrin receptor UNC5B; p53-regulated receptor for death and life protein 1; protein unc-5 homolog 2; protein unc-5 homolog B; transmembrane receptor Unc5H2; unc-5 homolog 2; Accession Number (s): NP_734465.2; Human Gene ID(s): 219699; Non-Human GeneID(s): 107449 (mouse) 60630 (rat)
<b>Immunogen</b>	SARDWIFQLKTAHQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 90kDa band observed in Human Bone Marrow lysates (calculated MW of 104kDa according to NP_734465.2). Some minor background is detected and is blocked by the immunizing peptide. We call for caution when used for other assays than West
<b>IHC</b>	
<b>Reference</b>	Reference(s): Tang X, Jang SW, Okada M, Chan CB, Feng Y, Liu Y, Luo SW, Hong Y, Rama N, Xiong WC, Mehlen P, Ye K. Netrin-1 mediates neuronal survival through PIKE-L interaction with the dependence receptor UNC5B. Nat Cell Biol. 2008 Jun;10(6):698-706..PMID: 18469807->

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**