

Goat anti-Restin / CLIP1 Antibody

Item Number	dAP-1841
Target Molecule	Principle Name: Restin / CLIP1; Official Symbol: CLIP1; All Names and Symbols: CLIP1; CAP-GLY domain containing linker protein 1; CLIP; CLIP-170; CLIP170; CYLN1; MGC131604; RSN; Reed-Steinberg cell-expressed intermediate filament-associated protein; cytoplasmic linker 1; restin; restin (Reed-Steinberg cell-expressed intermediate fil; Accession Number (s): NP_002947.1; NP_937883.1; Human Gene ID(s): 6249; Non-Human GeneID(s): 56430 (mouse) 65201 (rat)
Immunogen	PHSTHHGSRGEERP, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_002947.1; NP_937883.1).
Applications	Pep ELISA, WB, 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 8000.
Western Blot	Western Blot: Approx 160kDa band observed in Human Breast Cancer lysates (calculated MW of 161kDa according to NP_002947.1. Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Immunohistochemistry: In paraffin embedded Human Thyroid Gland shows structured cytoplasm staining in active epithelial cells. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Tanenbaum ME, Macůrek L, Galjart N, Medema RH. Dynein, Lis1 and CLIP-170 counteract Eg5-dependent centrosome separation during bipolar spindle assembly. The EMBO journal 2008 Dec 27 (24): 3235-45..PMID: 19020519->

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**