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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB09512 - Goat Anti-Restin / CLIP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: restin (Reed-Steinberg cell-expressed intermediate filament-associated protein), restin, cytoplasmic linker 1, Reed-Steinberg cell-expressed intermediate filament-associated protein, RSN, MGC131604, CYLN1, CLIP170, CLIP-170, CLIP, CAP-GLY domain containing linker protein 1, CLIP1

Official Symbol: CLIP1

Accession Number(s): NP_002947.1; NP_937883.1

Human GeneID(s): [6249](#)

Non-Human GeneID(s): 56430 (mouse), 65201 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_002947.1; NP_937883.1).

Immunogen

Peptide with sequence C-PHSTHHGSRGEERP, from the C Terminus of the protein sequence according to NP_002947.1; NP_937883.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

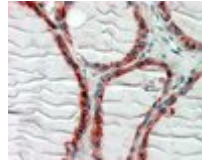
Western blot: Approx 160kDa band observed in Human Breast Cancer lysates (calculated MW of 161kDa according to NP_002947.1. Recommended concentration: 1-3µg/ml.

IHC: Immunohistochemistry: In paraffin embedded Human Thyroid Gland shows structured cytoplasm staining in active epithelial cells. Recommended concentration, 2-4µg/ml.

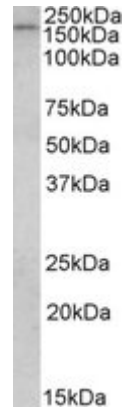
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



EB09512 (2.5 μ g/ml) staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09512 (1 μ g/ml) staining of Human Breast Cancer lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.