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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10564 - Goat Anti-RUFY1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RUFY1, RUN and FYVE domain containing 1, FLJ22251, RABIP4, ZFYVE12, FYVE-finger protein EIP1, OTTHUMP00000223250, RUN and FYVE domain-containing 1, RUN and FYVE domain-containing protein 1, rab4-interacting protein, zinc finger FYVE

Official Symbol: RUFY1

Accession Number(s): NP_079434.3; NP_001035541.1

Human GeneID(s): [80230](#)

Non-Human GeneID(s): 216724 (mouse), 360521 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_079434.3; NP_001035541.1). Reported variants represent identical protein: NP_001035542.1, NP_001035541.1.

Immunogen

Peptide with sequence C-QKNEAITSFEGKT, from the internal region of the protein sequence according to NP_079434.3; NP_001035541.1.

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 1:32000.

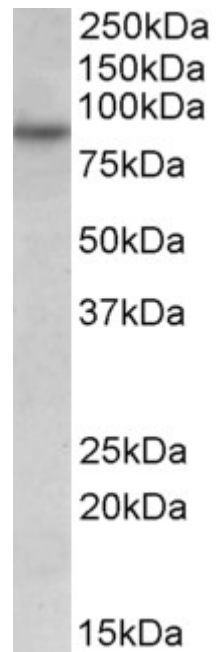
Western blot: Approx 85kDa band observed in lysates of cell line HeLa (calculated MW of 79.8kDa according to NP_079434.3). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

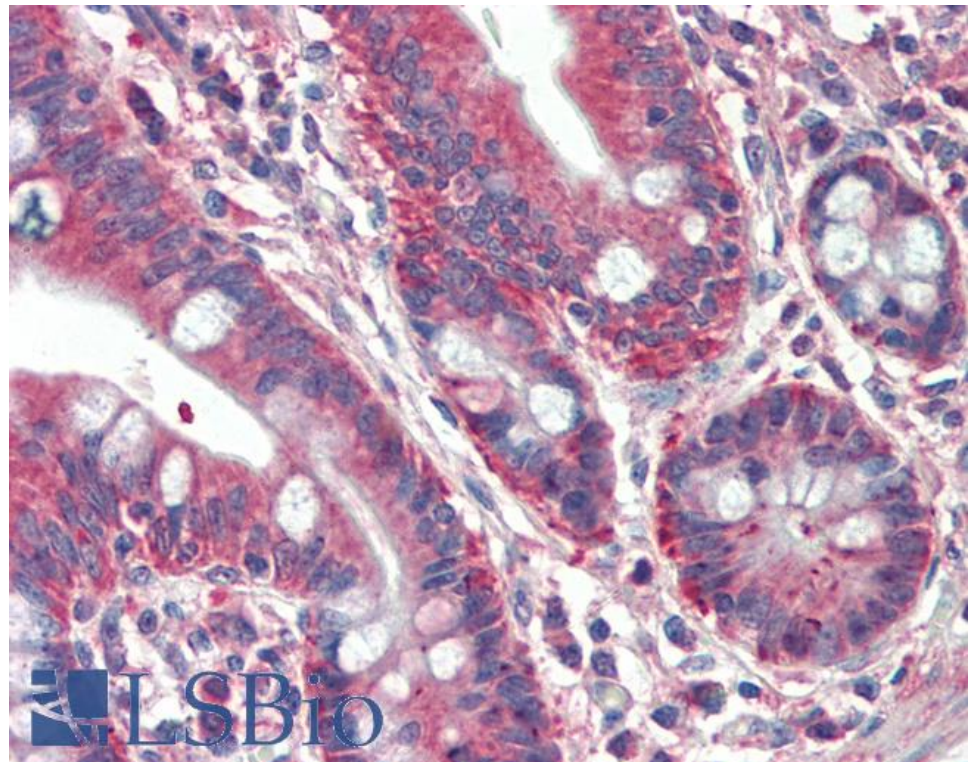
Species Reactivity

Tested: Human

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



EB10564 (0.05µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10564 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.