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

EB05843 - Goat Anti-RNF8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RNF8, ring finger protein 8, ring finger protein (C3HC4 type) 8, KIAA0646, FLJ12013, C3HC4-type zinc finger protein, OTTHUMP00000039684, UBC13/UEV-interacting ring finger protein

Official Symbol: RNF8

Accession Number(s): NP_003949.1; NP_898901.1

Human GeneID(s): [9025](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_003949.1 and NP_898901.1).

Immunogen

Peptide with sequence GEPGFFVTGDRA-C, from the N Terminus of the protein sequence according to NP_003949.1; NP_898901.1.

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 1:128000.

Western blot: Approx 55kDa band observed in Human Testis and Lung lysates and approx. 50kDa in nuclear lysates of cell lines HepG2 and Jurkat (predicted MW of 56kDa according to NP_003949.1 and 50.8kDa according to NP_898901.1). Recommended concentration 0.5-2µg/ml. Primary incubation 1 hour at room temperature.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05843 (1µg/ml) staining of HepG2 (A) and Jurkat (B) nuclear cell lysate. (35µg protein in RIPA buffer).
Detected by chemiluminescence.

EB05843 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.