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Research Use Only. Not for diagnostic or therapeutic use.

EB05314 - Goat Anti-RAC2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RAC2, ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2), EN-7, Ras-related C3 botulinum toxin substrate 2, rho family, small GTP binding protein Rac2, Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein Rac2), Gx, HSPC022, small G protein

Official Symbol: RAC2

Accession Number(s): NP_002863.1

Human GeneID(s): 5880

Immunogen

Peptide with sequence PQPTRQQKRACSLL, from the C Terminus of the protein sequence according to NP_002863.1.

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 22kDa band observed in lysates of cell line Molt4 (calculated MW of 21.4kDa according to NP_002863.1). Recommended concentration: 0.1-0.3μg/ml. Primary incubation 1 hour at room temperature.

IHC: In paraffin embedded Human Tonsil shows staining in mantle zone and some in the interfolicular area. Unserstained in germinal centre. Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa

75kDa

50kDa

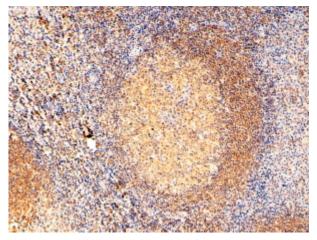
37kDa

25kDa

20kDa

15kDa

EB05314 (0.1µg/ml) staining of Molt4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05314 ($2\mu g/ml$) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.