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Research Use Only. Not for diagnostic or therapeutic use.

EB10365 - Goat Anti-RHCG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: C15orf6, PDRC2, Rh family, C glycoprotein, Rh type C glycoprotein,

Rhesus blood group, C glycoprotein, RHGK, SLC42A3, RHCG

Official Symbol: RHCG

Accession Number(s): NP_057405.1

Human GeneID(s): 51458

Immunogen

Peptide with sequence C-ERQNSVYQSD, from the internal region of the protein sequence according to NP_057405.1.

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 1:16000.

Western blot: Approx 60kDa band observed in Human Testis lysates (calculated MW of 53.2kDa according to NP_057405.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Liu et al, J Biol Chem. 2000 Aug 18;275(33):25641-51;PMID: 10852913). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil and Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig

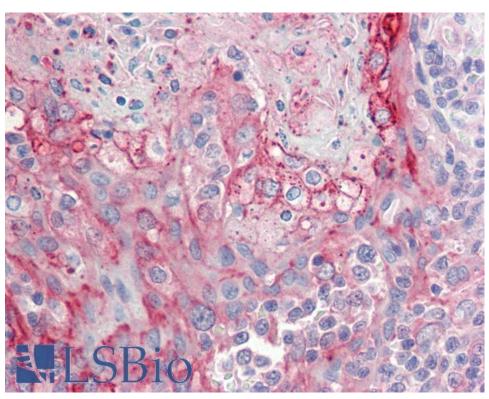
250kDa 150kDa 100kDa 75kDa 50kDa

> 25kDa 20kDa

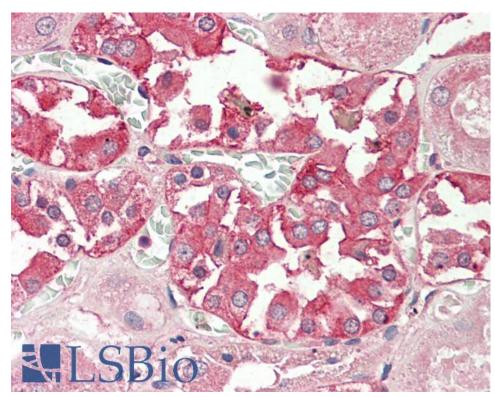
37kDa

15kDa

EB10365 (1 μ g/ml) staining of Human Testis lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB10365 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10365 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.