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EB11070 - Goat Anti-cardiolipin synthase 1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: C20orf155, cardiolipin synthase, cardiolipin synthase 1, CLS, CLS1, dJ967N21.6, GCD10, CRLS1
Official Symbol: CRLS1
Accession Number(s): NP_061968.1; NP_001120930.1
Human GeneID(s): 54675
Important Comments: This antibody is expected to recognize both reported isoforms (NP_061968.1; NP_001120930.1).

Immunogen

Peptide with sequence C-RSALGSALDPLADK, from the internal region of the protein sequence according to NP_061968.1; NP_001120930.1.

Please note the peptide is available for sale.

Purification and Storage

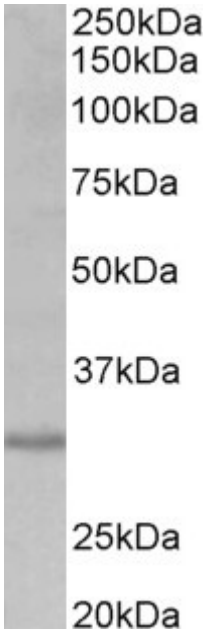
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

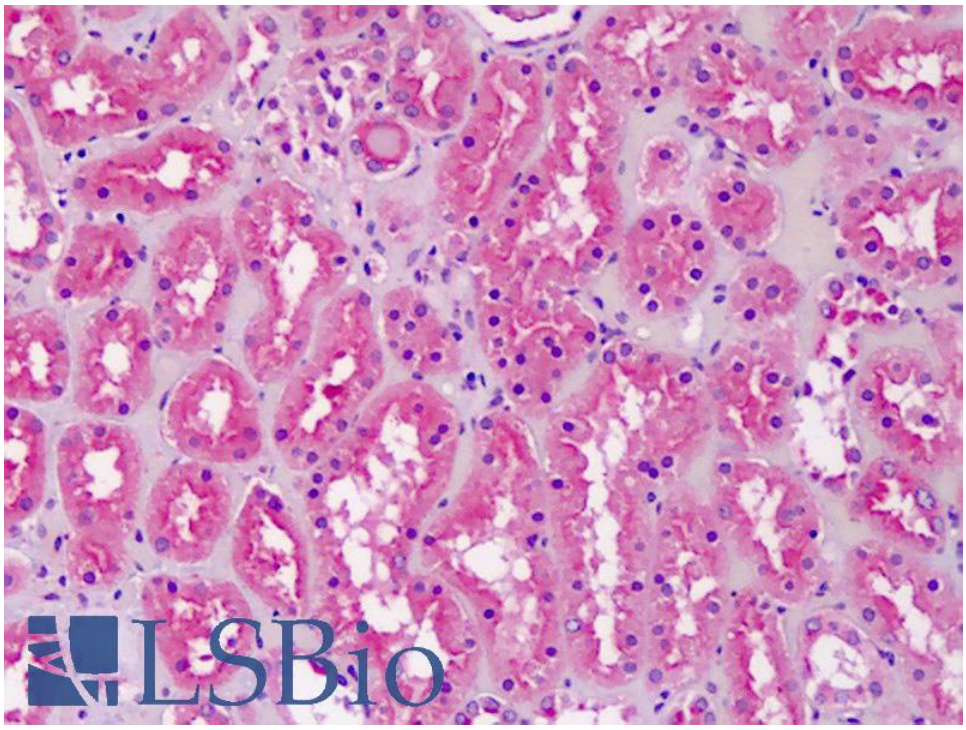
Peptide ELISA: antibody detection limit dilution 1:64000.
Western blot: Approx 30kDa band observed in lysates of cell line HEK293 (calculated MW of 32.6kDa according to NP_061968.1). Recommended concentration: 0.2-0.6µg/ml. Primary incubation was 1 hour.
IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

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



EB11070 (0.2µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11070 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.