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Research Use Only. Not for diagnostic or therapeutic use.

EB06929 - Goat Anti-Clusterin / APOJ Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOJ, clusterin, CLU, complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J, HGNC:2095, CLI, MGC24903, SGP-2, SGP2, SP-40, TRPM-2, TRPM2, apolipoprotein J, clusterin, complement-associated protein SP-40, sulfated glycoprotein 2, AAG4, KUB1, aging-associated protein 4, clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J)

Official Symbol: CLU

Accession Number(s): NP_001822.2; NP_976084.1

Human GeneID(s): 1191

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_001822.2 and NP_976084.1)

Immunogen

Peptide with sequence C-EKALQEYRKKHREE, from the C Terminus of the protein sequence according to NP_001822.2; NP_976084.1.

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 35-37kDa band observed in Human Colon and Prostate lysates (calculated MW of 57.8kDa according to NP_NP_001822.2 and 52.5 according to NP_976084.1). The observed molecular weight corresponds to earlier findings in literature (PMID: 9713325 and PMID: 11560857). Recommended concentration: 0.03-0.1μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 2.5µg/ml.

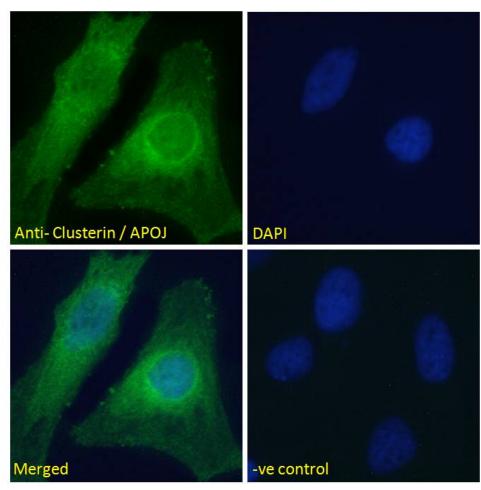
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB06929 (0.1μg/ml) staining of Human Colon lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.

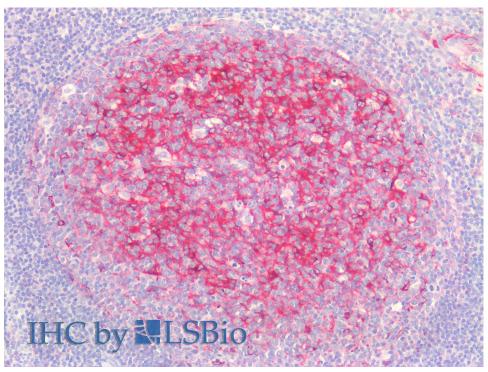


EB06929 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing

ER/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml)

followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06929 (2.5 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.