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Research Use Only. Not for diagnostic or therapeutic use.

EB09461 - Goat Anti-Decorin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DCN, decorin, CSCD, DSPG2, PG40, PGII, PGS2, SLRR1B, bone proteoglycan II, decorin proteoglycan, dermatan sulphate proteoglycans II, proteoglycan core protein, small leucine-rich protein 1B

Official Symbol: DCN

Accession Number(s): NP_001911.1; NP_598011.1; NP_598012.1;

Human GeneID(s): 1634

Important Comments: This antibody is expected to recognize the three reported isoforms a, b and c (NP_001911.1; NP_598011.1; NP_598012.1 resp.). Reported variants NP_598010.1 and NP_001911.1 represent identical protein.

Immunogen

Peptide with sequence C-KISRVDAASLKGLNN, from the internal region of the protein sequence according to NP_001911.1; NP_598011.1; NP_598012.1;.

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 1:8000.

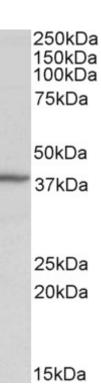
Western blot: Approx 38kDa band observed in Human Kidney lysates (calculated MW of 39.7kDa according to NP_001911.1). Recommended concentration: 0.5-2μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Breast. Recommended concentration: 3.75µg/ml.

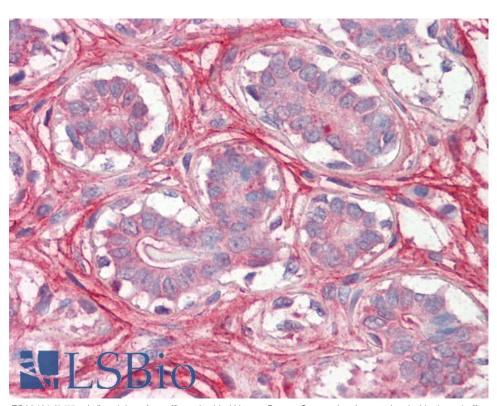
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow, Pig, Cavia



EB09461 ($0.5\mu g/ml$) staining of Human Kidney lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



EB09461 (3.75 μ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.