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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06670 - Goat Anti-Asporin / ASPN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: asporin proteoglycan, OS3, asporin, periodontal ligament associated protein 1, small leucine-rich protein 1C, asporin (LRR class 1), FLJ20129, SLRR1C, PLAP1, ASPN

Official Symbol: ASPN

Accession Number(s): NP_060150.3

Human GeneID(s): [54829](#)

Immunogen

Peptide with sequence C-IHENKVKKIQKDT, from the internal region of the protein sequence according to NP_060150.3.

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 1:4000.

Western blot: Approx 40kDa band observed in Human Bone Marrow lysates (calculated MW of 43.4kDa according to NP_060150.3). Recommended concentration: 1-3µg/ml.

Immunofluorescence: In ATDC5 cell line signal observed in cytoplasm and on the cell surface. Data gratefully received from Dr. Shiro Ikegawa, SNP Research Center, RIKEN, Japan.

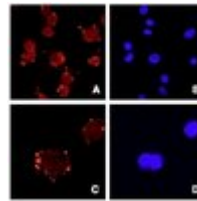
Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat



EB06670 (0.3 μ g/ml) staining of Human Bone Marrow lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06670 staining of ATDC5 cells (Panels A and C) and DAPI (panels B and D). Data gratefully received from Dr. Shiro Ikegawa, SNP Research Center, RIKEN, Japan.