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Research Use Only. Not for diagnostic or therapeutic use.

EB06670 - Goat Anti-Asporin / ASPN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

proteoglycan

Official Symbol: ASPN

Accession Number(s): NP_060150.4

Human GeneID(s): 54829

Immunogen

Peptide with sequence C-IHENKVKKIQKDT, from the internal region of the protein sequence according to NP_060150.4.

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.

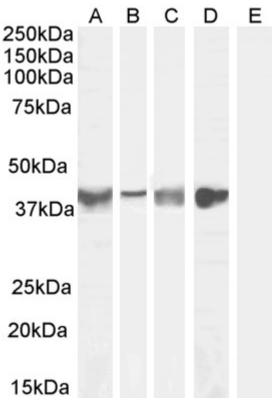
Western blot: Approx 40kDa band observed in Human Tonsil and Uterus and in Mouse and Rat Skeletal Muscle lysates (calculated MW of 43.3kDa according to Human NP_060150.4, and 42.6kDa acciording to Mouse NP_001165952.1 and Rat NP_001014030.1). Recommended concentration: 0.1-1μg/ml. Primary incubation 1 hour at room temperature. **Negative Control:** Human Cerebellum lysate.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml.

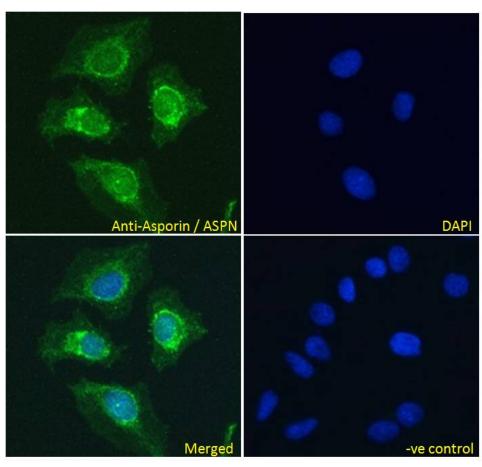
Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat



EB06670 (0.1μg/ml) staining of Human Tonsil (A), (0.3ug/ml) Human Uterus (B), Mouse Skeletal Muscle (C) (1ug/ml) Rat Skeletal Muscle (D) and negative control Human Cerebellum (E) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB06670 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing nuclear

membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).