

Datasheet for ABIN185364

anti-Asporin antibody (Internal Region)

5 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | Asporin (ASPN) |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse, Rat |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This Asporin antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

Product Details

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|-------------------|---|
| Purpose: | Asporin / ASPN |
| Immunogen: | Peptide with sequence C-IHENKVKKIQKDT, from the internal region of the protein sequence according to NP_060150.3. |
| Sequence: | IHENKVKKIQ KDT |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

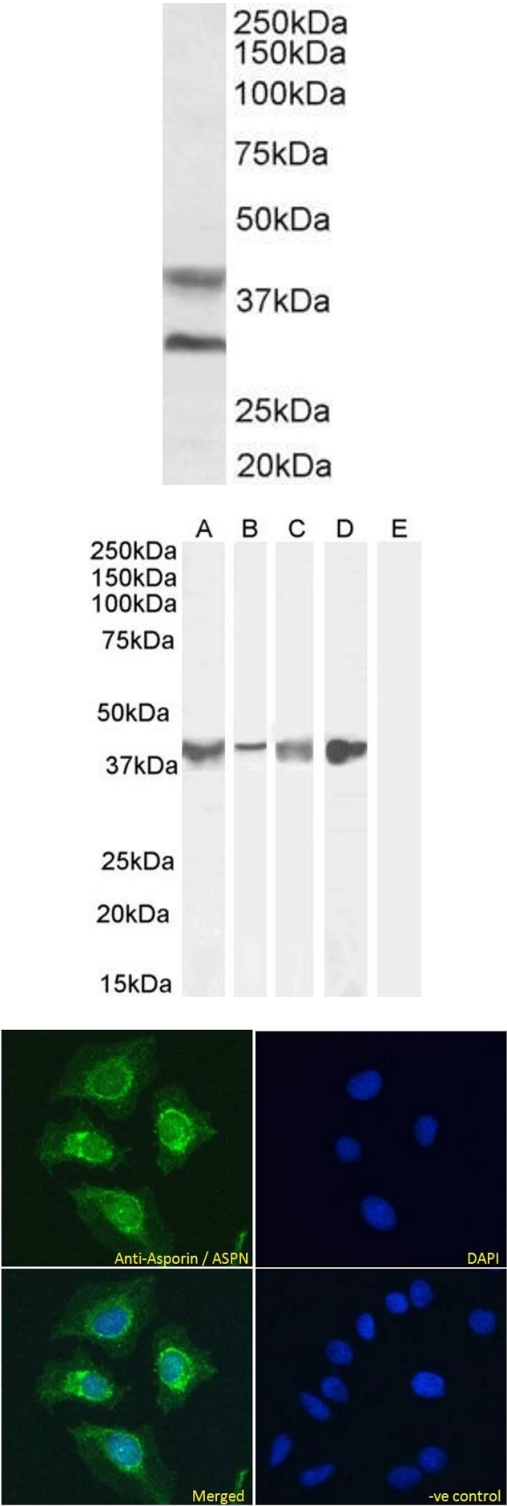
| | |
|-------------------|---|
| Target: | Asporin (ASPEN) |
| Alternative Name: | ASPEN (ASPEN Products) |
| Background: | ASPEN, PLAP1, SLRR1C, FLJ20129, asporin (LRR class 1), small leucine-rich protein 1C, periodontal ligament associated protein 1, asporin, OS3, asporin proteoglycan |
| Gene ID: | 54829 |
| NCBI Accession: | NP_060150 |

Application Details

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|--------------------|--|
| Application Notes: | Western Blot: Approx 40 kDa band observed in Human Tonsil and Uterus and in Mouse and Rat Skeletal Muscle lysates (calculated MW of 43.3 kDa according to Human NP_060150.4, and 42.6 kDa according to Mouse NP_001165952.1 and Rat NP_001014030.1). Recommend Peptide ELISA: antibody detection limit dilution 1:64000. |
| Comment: | Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. ABIN185364 (0.5µg/ml) staining of Human Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 2. ABIN185364 (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.

Immunofluorescence

Image 3. ABIN185364 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 (2ug/ml).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185364.