

## Goat Asporin/ASPN Polyclonal Antibody | anti-ASPN antibody

Goat anti-Asporin/ASPN Antibody

| CATALOG # | HOST | REACTIVITY                                                                 | APPLICATIONS                                   |
|-----------|------|----------------------------------------------------------------------------|------------------------------------------------|
| AAA60886  | Goat | Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat | ELISA, Immunofluorescence, Western Blot, ELISA |

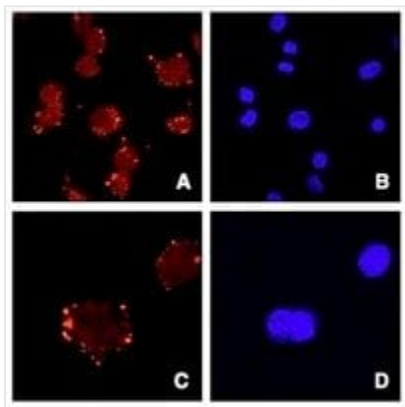
### PRODUCT SYNONYMS

Asporin/ASPN; Polyclonal Antibody; Goat anti-Asporin/ASPN Antibody; ASPN; PLAP1; SLRR1C; FLJ20129; asporin (LRR class 1); small leucine-rich protein 1C; periodontal ligament associated protein 1; asporin; OS3; asporin proteoglycan; ASPN antibody; PLAP1 antibody; SLRR1C antibody; FLJ20129 antibody; asporin (LRR class 1) antibody; small leucine-rich protein 1C antibody; periodontal ligament associated protein 1 antibody; asporin antibody; OS3 antibody; asporin proteoglycan antibody; Asporin; Asporin / ASPN; anti-ASPN antibody

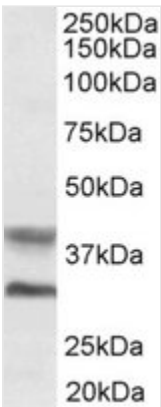
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human, Mouse; Expected from sequence similarity: Human, Mouse, Rat                                                            |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | IHENKVKKIQ KDT                                                                                                                        |
| Sequence Length                                | 380                                                                                                                                   |
| Applicable Applications for anti-ASPN antibody | ELISA, IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)                                                              |
| Immunogen                                      | Peptide with sequence C-IHENKVKKIQKDT, from the internal region of the protein sequence according to NP_060150.3.                     |
| Epitope                                        | Internal region                                                                                                                       |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

IMAGES



**IF (Immunofluorescence)**  
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.



**WB (Western Blot)**  
0.5ug/ml staining of Human Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 41350214                   |
| NCBI GeneID                      | 54829                      |
| NCBI Accession #                 | NP_060150.3                |
| NCBI GenBank Nucleotide #        | NM_017680.3                |
| Molecular Weight                 | 43,417 Da                  |
| NCBI Official Full Name          | asporin                    |
| NCBI Official Synonym Full Names | asporin                    |
| NCBI Official Symbol             | ASPN                       |
| NCBI Official Synonym Symbols    | OS3; PLAP1; PLAP-1; SLRR1C |
| NCBI Protein Information         | asporin                    |
| UniProt Protein Name             | Asporin                    |
| UniProt Gene Name                | ASPN                       |
| UniProt Synonym Gene Names       | PLAP1; SLRR1C; PLAP-1      |
| UniProt Entry Name               | ASPN_HUMAN                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.