

## Rabbit anti-Human ASPN Polyclonal Antibody | anti-ASPN antibody

ASPN Antibody (Center)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA285083 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA, Western Blot |

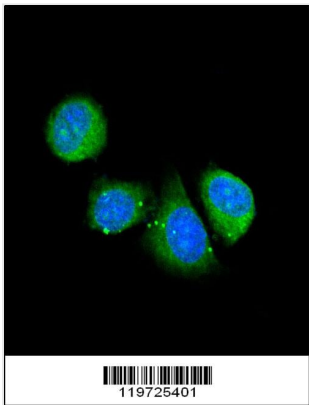
### PRODUCT SYNONYMS

ASPN; Polyclonal Antibody; ASPN Antibody (Center); Asporin; Periodontal ligament-associated protein 1; PLAP-1; PLAP1; SLRR1C; anti-ASPN antibody

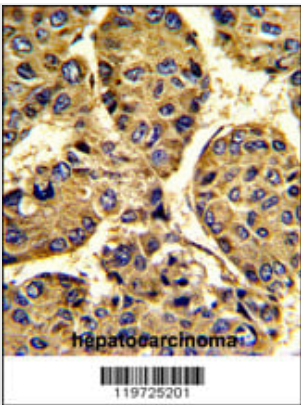
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This ASPN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-269 amino acids from the Central region of human ASPN.                         |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 242-269                                                                                                                                                                                   |
| Sequence Length                                | 380                                                                                                                                                                                       |
| Applicable Applications for anti-ASPN antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                             |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

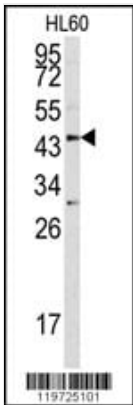
IMAGES



**IF (Immunofluorescence)**  
Confocal immunofluorescent analysis of ASPN Antibody (Center) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human hepatocarcinoma with ASPN Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of ASPN antibody (Center) in HL60 cell line lysates(35ug/lane). ASPN (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ASPEN antibody | ASPEN belongs to a family of leucine-rich repeat (LRR) proteins associated with the cartilage matrix. The name asporin reflects the unique aspartate-rich N terminus and the overall similarity to decorin. |
| Product Categories/Family for anti-ASPEN antibody   | <a href="#">Signal Transduction</a>                                                                                                                                                                         |
| References                                          | Gruber,H.E., Arthritis Res. Ther. 11 (2), R47 (2009)<br>Ikegawa,S., Curr. Med. Chem. 15 (7), 724-728 (2008)                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">301069324</a>                                                                                                  |
| NCBI GeneID               | <a href="#">54829</a>                                                                                                      |
| NCBI Accession #          | <a href="#">NP_001180264.1</a> ; <a href="#">NP_060150.4</a>                                                               |
| NCBI GenBank Nucleotide # | <a href="#">NM_001193335.1</a>                                                                                             |
| UniProt Accession #       | <a href="#">Q9BXN1</a> ; <a href="#">Q5TBF3</a> ; <a href="#">Q96K79</a> ; <a href="#">Q96LD0</a> ; <a href="#">Q9NXP3</a> |
| Molecular Weight          | 43417                                                                                                                      |

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI Official Full Name          | asporin isoform 2 preproprotein |
| 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                | <b>ASPN</b>                     |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/polyclonal/aspn-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/285083>