

Datasheet for ABIN2777097
anti-HAPLN1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

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| Quantity: | 100 µL |
| Target: | HAPLN1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Cow, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HAPLN1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human HAPLN1 |
| Sequence: | ENGPHLLVEA EQAKVFSHRG GNVTLPCCKFY RDPTAFGSGI HKIRIKWTKL |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against HAPLN1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | HAPLN1 |
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Target Details

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| Alternative Name: | HAPLN1 (HAPLN1 Products) |
| Background: | <p>HAPLN1 stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.</p> <p>Alias Symbols: CRTL1</p> <p>Protein Interaction Partner: APP, UBC, MMP10, MMP3, MMP7, ACAN, MMP9, MMP2, VCAN,</p> <p>Protein Size: 354</p> |
| Molecular Weight: | 40 kDa |
| Gene ID: | 1404 |
| NCBI Accession: | NM_001884 , NP_001875 |
| UniProt: | P10915 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 354 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| 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: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

Image 1. WB Suggested Anti-HAPLN1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NCI-H226 cell lysate HAPLN1 is strongly supported by BioGPS gene expression data to be expressed in Human NCI-H226 cells

Western Blotting

Image 2. WB Suggested Anti-HAPLN1 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500 Positive Control: NCI-H226 cell lysate HAPLN1 is strongly supported by BioGPS gene expression data to be expressed in Human NCI-H226 cells