

[Go to Product page](#)

## Datasheet for ABIN6991831 **anti-KREMEN1 antibody (C-Term)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | KREMEN1  |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This KREMEN1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

### Product Details

|               |  |
|---------------|--|
| Immunogen:    | Rabbit polyclonal KREMEN1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human KREMEN1. The immunogen is located within the last 50 amino acids of KREMEN1. |
| Isotype:      | IgG  |
| Specificity:  | Three isoforms of KREMEN1 exists as a result of alternative splicing event.  |
| Purification: | KREMEN1 Antibody is affinity chromatography purified via peptide column.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | KREMEN1                                      |
| Alternative Name: | KREMEN1 ( <a href="#">KREMEN1 Products</a> ) |

## Target Details

|                   |   |
|-------------------|---|
| Background:       | KREMEN1 Antibody: Kremen (Kringle containing protein marking the eye and the nose) proteins are type I transmembrane proteins that contain extracellular kringle, WSC and CUB domains and an intracellular region without any conserved motifs. Kremens bind a subset of the secreted Dickkopf proteins (Dkk 1, 2, and 4) with high affinity to modulate the canonical Wnt signaling pathway that is transduced by the ternary receptor complex composed of Wnt, Frizzled, and the LDL receptor related protein 5/6 (LRP5/6) coreceptor. KREMEN1 is a receptor for the Dickkopf protein which blocks Wnt/beta catenin signaling. It is necessary to ensure normal spatial and temporal patterns of Wnt activity during developmental processes. |
| Molecular Weight: | 54 kDa  |
| Gene ID:          | 83999   |
| NCBI Accession:   | <a href="#">NP_114434</a>   |
| UniProt:          | <a href="#">Q96MU8</a>  |
| Pathways:         | <a href="#">WNT Signaling</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | KREMEN1 antibody can be used for detection of KREMEN1 by Western blot at 0.125 - 0.25 $\mu$ g/mL.<br><br>Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | KREMEN1 Antibody is supplied in PBS containing 0.02 % sodium azide.  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C, 4 °C   |
| Storage Comment:   | KREMEN1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.                           |