

## Rabbit anti-Human, Mouse KREMEN2 Polyclonal Antibody | anti-KREMEN2 antibody

KREMEN2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                             |
|-----------|--------|--------------|------------------------------------------|
| AAA40659  | Rabbit | Human, Mouse | Immunocytochemistry, Western Blot, ELISA |

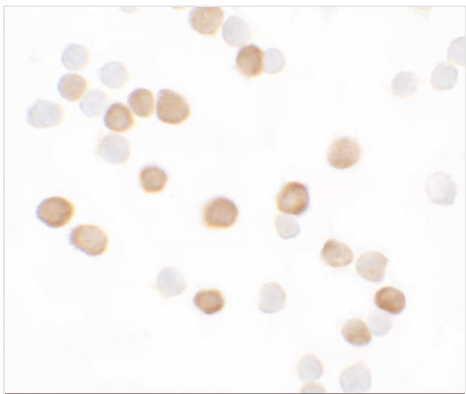
### PRODUCT SYNONYMS

KREMEN2; Polyclonal Antibody; KREMEN2 Antibody; KRM2; Kremen protein 2; Dickkopf receptor 2; kringle containing transmembrane protein 2; anti-KREMEN2 antibody

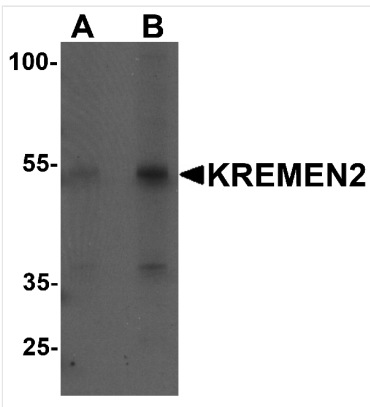
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                             |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                      |
| Reactivity                                        | Human, Mouse                                                                                                                                |
| Clonality                                         | Polyclonal                                                                                                                                  |
| Isotype                                           | IgG                                                                                                                                         |
| Specificity                                       | Multiple isoforms of KREMEN2 are known to exist. KREMEN2 antibody is predicted to not cross-react with other Kremen protein family members. |
| Purity/Purification                               | KREMEN2 Antibody is affinity chromatography purified via peptide column.                                                                    |
| Form/Format                                       | Liquid                                                                                                                                      |
| Concentration                                     | 1 mg/mL (varies by lot)                                                                                                                     |
| Sequence Length                                   | 462                                                                                                                                         |
| Applicable Applications for anti-KREMEN2 antibody | ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                         |
| Conjugate                                         | Unconjugated                                                                                                                                |
| Immunogen                                         | KREMEN2 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human KREMEN2.                                     |
| Buffer                                            | KREMEN2 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                          |
| Preparation and Storage                           | KREMEN2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.                                  |

IMAGES



**ICC (Immunocytochemistry)**  
Immunocytochemistry of KREMEN2 in HeLa cells with KREMEN2 antibody at 5 &#956;g/ml.



**WB (Western Blot)**  
Western blot analysis of KREMEN2 in HeLa cell lysate with KREMEN2 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-KREMEN2 antibody</b> | KREMEN2 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) co-receptor. Recent experiments have shown that KREMEN2 is a regulator of bone remodeling and raise the possibility that antagonizing KREMEN2 might prove beneficial in patients with bone loss disorders. |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27437008                                                                                                                                          |
| NCBI GeneID                      | 79412                                                                                                                                             |
| NCBI Accession #                 | NP_757384                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_172229.2                                                                                                                                       |
| UniProt Accession #              | Q8NCW0; Q8N2J4; Q8NCW1; Q96GL8; Q9BTP9; B4DXF6; I3L2S2                                                                                            |
| Molecular Weight                 | Predicted: 51 kDa<br>Observed: 54 kDa                                                                                                             |
| NCBI Official Full Name          | kremen protein 2 isoform d                                                                                                                        |
| NCBI Official Synonym Full Names | kringle containing transmembrane protein 2                                                                                                        |
| NCBI Official Symbol             | KREMEN2                                                                                                                                           |
| NCBI Official Synonym Symbols    | KRM2                                                                                                                                              |
| NCBI Protein Information         | kremen protein 2; dickkopf receptor 2; kringle domain-containing transmembrane protein 2; kringle-containing protein marking the eye and the nose |
| UniProt Protein Name             | Kremen protein 2                                                                                                                                  |
| UniProt Gene Name                | <b>KREMEN2</b>                                                                                                                                    |
| UniProt Synonym Gene Names       | KRM2                                                                                                                                              |
| UniProt Entry Name               | KREM2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kremen2-antibody-immunocytochemistry-western-blot-elisa/40659>