

Rabbit KREMEN1 Polyclonal Antibody | anti-KREMEN1 antibody

KREMEN1 Antibody

CATALOG # AAA40504	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

KREMEN1; Polyclonal Antibody; KREMEN1 Antibody; KRM1; KREMEN; Kremen protein 1; Dickkopf receptor; kringle containing transmembrane protein 1; anti-KREMEN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Three isoforms of KREMEN1 exists as a result of alternative splicing event.
Purity/Purification	KREMEN1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	492
Applicable Applications for anti-KREMEN1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal KREMEN1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human KREMEN1.
Buffer	KREMEN1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KREMEN1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



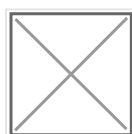
IF (Immunofluorescence)

Immunofluorescence of KREMEN1 in human small intestine tissue with KREMEN1 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of KREMEN1 in human small intestine tissue with KREMEN1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of KREMEN1 in rat small intestine tissue lysate with KREMEN1 antibody at (A) 0.125 and (B) 0.25 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KREMEN1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24041012
NCBI GeneID	83999
NCBI Accession #	NP_114434
NCBI GenBank Nucleotide #	NM_032045.4
UniProt Accession #	Q96MU8; Q5TIB9; Q6P3X6; Q9BY70; Q9UGS5; Q9UGU1; B0QY46; B0QY47; B1AJR5
Molecular Weight	54 kDa
NCBI Official Full Name	kremen protein 1 isoform 2
NCBI Official Synonym Full Names	kringle containing transmembrane protein 1
NCBI Official Symbol	KREMEN1
NCBI Official Synonym Symbols	KRM1; KREMEN
NCBI Protein Information	kremen protein 1; dickkopf receptor; kringle-coding gene marking the eye and the nose; kringle domain-containing transmembrane protein 1; kringle-containing protein marking the eye and the nose
UniProt Protein Name	Kremen protein 1
UniProt Gene Name	KREMEN1
UniProt Synonym Gene Names	KREMEN; KRM1
UniProt Entry Name	KREM1_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://stage.aaabiotech.com/polyclonal/kremen1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40504>