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KREMEN2 Rabbit pAb

Catalog # AP96889

Product Information

Application	WB
Primary Accession	Q8NCW0
Other Accession	Q8NCW0
Reactivity	Rat, Mouse
Predicted	Human, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48849
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KREMEN2
Epitope Specificity	351-450/462
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 CUB domain. Contains 1 kringle domain. Contains 1 WSC domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor. A similar protein in mouse functions interacts with with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein forms a ternary membrane complex with DKK1 and the WNT receptor lipoprotein receptor-related protein 6 (LRP6), and induces rapid endocytosis and removal of LRP6 from the plasma membrane. It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Additional Information

Gene ID	79412
Other Names	KRM2; 2900054E04Rik; KREM2_HUMAN; KREMEN2; Dickkopf receptor 2; Kringle domain-containing transmembrane protein 2; Kringle-containing protein marking the eye and the nose; KREM2_MOUSE; kringle containing transmembrane protein 2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KREMEN2
Synonyms	KRM2
Function	Receptor for Dickkopf proteins. Cooperates with DKK1/2 to inhibit Wnt/beta-catenin signaling by promoting the endocytosis of Wnt receptors LRP5 and LRP6. Plays a role in limb development; attenuates Wnt signaling in the developing limb to allow normal limb patterning and can also negatively regulate bone formation.
Cellular Location	Membrane; Single-pass type I membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.