

KREMEN2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13054c**Specification**

KREMEN2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8NCW0
Other Accession	NP_757384.1 , NP_078783.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48849
Antigen Region	248-276

KREMEN2 Antibody (Center) - Additional Information**Gene ID** 79412**Other Names**

Kremen protein 2, Dickkopf receptor 2, Kringle domain-containing transmembrane protein 2, Kringle-containing protein marking the eye and the nose, KREMEN2, KRM2

Target/Specificity

This KREMEN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the Central region of human KREMEN2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KREMEN2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

KREMEN2 Antibody (Center) - 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.

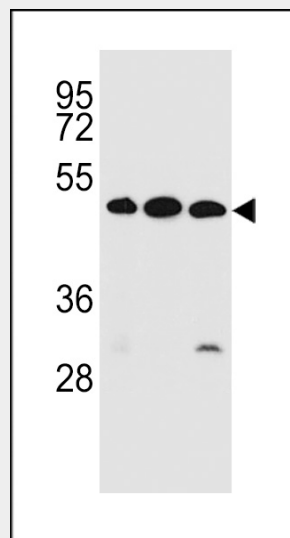
Cellular Location

Membrane; Single-pass type I membrane protein

KREMEN2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KREMEN2 Antibody (Center) - Images

KREMEN2 Antibody (Center) (Cat. #AP13054c) western blot analysis in ZR-75-1, K562, NCI-H460 cell line lysates (35ug/lane). This demonstrates the KREMEN2 antibody detected the KREMEN2 protein (arrow).

KREMEN2 Antibody (Center) - Background

This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates 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.

KREMEN2 Antibody (Center) - References

Mao, B., et al. Nature 417(6889):664-667(2002)