

KREMEN2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13054c**Specification**

KREMEN2 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q8NCW0](#)

KREMEN2 Antibody (Center) Blocking peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KREMEN2 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KREMEN2 Antibody (Center) Blocking peptide - Images**KREMEN2 Antibody (Center) Blocking peptide - 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) Blocking peptide - References

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