

KREMEN1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56414**Specification****KREMEN1 Polyclonal Antibody - Product Information**

| | |
|-------------------|------------------------------|
| Application | WB, IHC-P, IHC-F, IF, ICC, E |
| Primary Accession | O96MU8 |
| Reactivity | Rat, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 51744 |

KREMEN1 Polyclonal Antibody - Additional Information**Gene ID** 83999**Other Names**

Kremen protein 1, Dickkopf receptor, Kringle domain-containing transmembrane protein 1, Kringle-containing protein marking the eye and the nose, KREMEN1, KREMEN, KRM1

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

KREMEN1 Polyclonal Antibody - Protein Information**Name** KREMEN1**Synonyms** KREMEN, KRM1**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. In the absence of DKK1, potentiates Wnt-beta- catenin signaling by maintaining LRP5 or LRP6 at the cell membrane. Can trigger apoptosis in a Wnt-independent manner and this apoptotic activity is inhibited upon binding of the ligand DKK1. 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. Modulates cell fate

decisions in the developing cochlea with an inhibitory role in hair cell fate specification.

Cellular Location

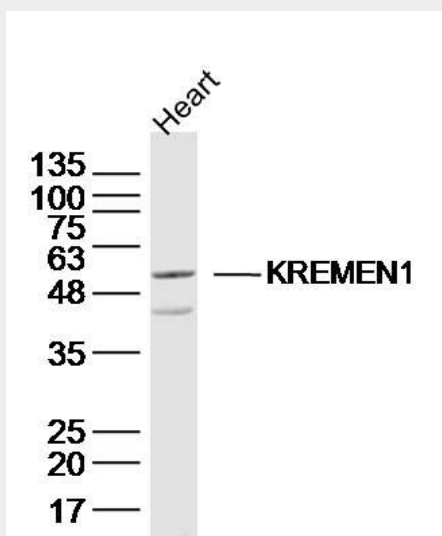
Cell membrane {ECO:0000250|UniProtKB:Q99N43}; Single-pass type I membrane protein

KREMEN1 Polyclonal Antibody - 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](#)

KREMEN1 Polyclonal Antibody - Images



Sample: Heart (Mouse) Lysate at 40 ug
Primary: Anti-KREMEN1 (bs-16812R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD