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Datasheet for ABIN5510702

KREMEN1 ELISA Kit

1 Image

Overview

Quantity:	96 tests
Target:	KREMEN1
Binding Specificity:	AA 20-395
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse Kremen-1
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: A20-G395
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: In the adult, widely expressed with high levels in heart, lung, kidney, skeletal muscle and testis. .

Target Details

Target:	KREMEN1
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Target Details

Alternative Name:	Kremen1 (KREMEN1 Products)
Background:	<p>Protein Function: Receptor for Dickkopf protein. Cooperates with Dickkopf to block Wnt/beta-catenin signaling (By similarity). .</p> <p>Background: Kremen protein 1 is a protein that in humans is encoded by the KREMEN1 gene. 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 is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.</p> <p>Synonyms: Kremen protein 1,Dickkopf receptor,Kringle domain-containing transmembrane protein 1,Kringle-containing protein marking the eye and the nose,Kremen1,Kremen,</p> <p>Full Gene Name: Kremen protein 1</p> <p>Cellular Localisation: Membrane, Single-pass type I membrane protein.</p>

UniProt: [Q99N43](#)

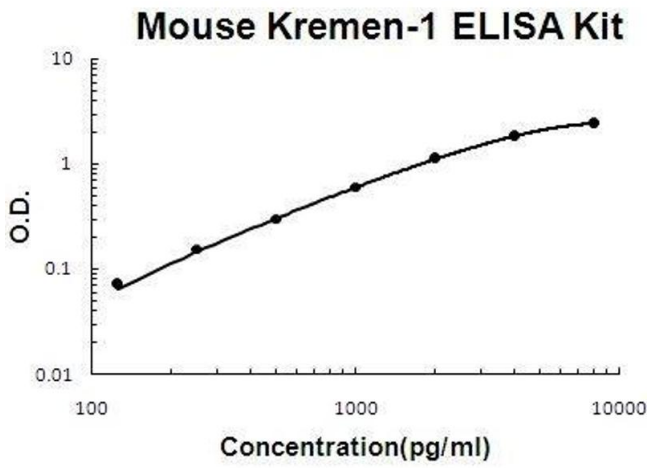
Pathways: [WNT Signaling](#)

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



ELISA

Image 1. Mouse Kremen-1 PicoKine ELISA Kit standard curve