Datasheet for ABIN542856

anti-KREMEN1 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	KREMEN1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KREMEN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of KREMEN1.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human KREMEN1.
Cross-Reactivity:	Human

Target Details

Target:	KREMEN1
Alternative Name:	Kremen protein 1 (KREMEN1 Products)
Gene ID:	83999
Pathways:	WNT Signaling

Application Details

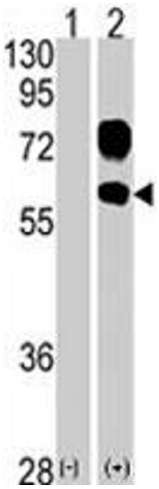
Application Notes:	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

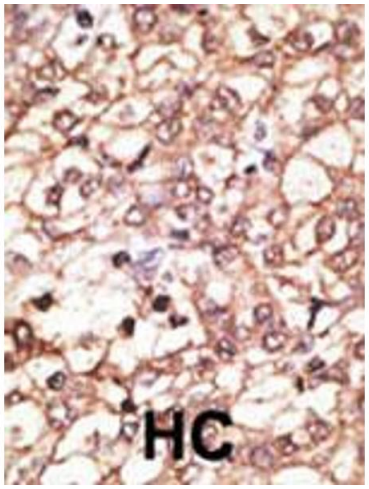
Publications

Product cited in:	Mao, Wu, Davidson, Marhold, Li, Mechler, Delius, Hoppe, Stannek, Walter, Glinka, Niehrs: " Kremen proteins are Dickkopf receptors that regulate Wnt/beta-catenin signalling." in: **Nature**, Vol. 417, Issue 6889, pp. 664-7, (2002) (PubMed). Nakamura, Aoki, Kitajima, Takahashi, Matsumoto, Nakamura: "Molecular cloning and characterization of Kremen, a novel kringle-containing transmembrane protein." in: **Biochimica et biophysica acta**, Vol. 1518, Issue 1-2, pp. 63-72, (2001) (PubMed).



Western Blotting

Image 1. Western blot analysis of KREMEN1 (arrow) using KREMEN1 polyclonal antibody . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the KREMEN1 gene (Lane 2) (Origene Technologies).



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with KREMEN1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.