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Datasheet for ABIN6146244 anti-PROK2 antibody (AA 20-129)

4 Images



Overview

Quantity:	100 µL
Target:	PROK2
Binding Specificity:	AA 20-129
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

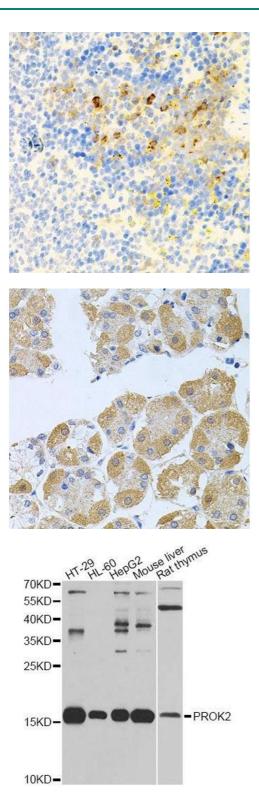
Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-129 of human PROK2 (NP_001119600.1).
Sequence:	LTPRAGDAAV ITGACDKDSQ CGGGMCCAVS IWVKSIRICT PMGKLGDSCH PLTRKNNFGN GRQERRKRKR SKRKKEVPFF GRRMHHTCPC LPGLACLRTS FNRFICLAQK
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Target Details	
Target:	PROK2

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Target Details	
Alternative Name:	PROK2 (PROK2 Products)
Background:	This gene encodes a protein expressed in the suprachiasmatic nucleus (SCN) circadian clock
	that may function as the output component of the circadian clock. The secreted form of the
	encoded protein may also serve as a chemoattractant for neuronal precursor cells in the
	olfactory bulb. Proteins from other vertebrates which are similar to this gene product were
	isolated based on homology to snake venom and secretions from frog skin, and have been
	shown to have diverse functions. Mutations in this gene are associated with Kallmann
	syndrome 4. Multiple transcript variants encoding different isoforms have been found for this
	gene.,PROK2,BV8,HH4,KAL4,MIT1,PK2,Cancer,Invasion and Metastasis,Cell Biology &
	Developmental Biology,Apoptosis,Growth
	factor,Neuroscience,Cardiovascular,Angiogenesis,Angiogenic growth factors,PROK2
Molecular Weight:	11 kDa/14 kDa
Gene ID:	60675
UniProt:	Q9HC23
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded mouse spleen using PROK2 antibody.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human stomach using PROK2 antibody.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PROK2 antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN6146244.

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