

Datasheet for ABIN2776014

anti-Forkhead Box K2 antibody (Middle Region)

4 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	Forkhead Box K2 (FOXK2)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Horse, Cow, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Forkhead Box K2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FOXK2
Sequence:	ANTYTVSGQA VVTPAAVLAP PKAEAQENG D HREVKVKVEP IPAIGHATLG
Predicted Reactivity:	Cow: 93%, Dog: 86%, Horse: 93%, Human: 100%, Mouse: 91%, Pig: 93%, Rabbit: 79%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against FOXK2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Forkhead Box K2 (FOXK2)
Alternative Name:	FOXK2 (FOXK2 Products)

Target Details

Background:	<p>FOXK2 contains a fork head DNA binding domain. This protein can bind to the purine-rich motifs of the HIV long terminal repeat (LTR), and to the similar purine-rich motif in the interleukin 2 (IL2) promoter. It may be involved in the regulation of viral and cellular promoter elements. Three alternatively spliced transcript variants encoding distinct isoforms have been described. The protein encoded by this gene contains a fork head DNA binding domain. This protein can bind to the purine-rich motifs of the HIV long terminal repeat (LTR), and to the similar purine-rich motif in the interleukin 2 (IL2) promoter. It may be involved in the regulation of viral and cellular promoter elements. Three alternatively spliced transcript variants encoding distinct isoforms have been described.</p> <p>Alias Symbols: ILF, ILF-1, ILF1</p> <p>Protein Interaction Partner: HECW2, SOX2, CBX6, SUMO2, BAP1, IRF2, AMOT, IL2,</p> <p>Protein Size: 660</p>
Molecular Weight:	69 kDa
Gene ID:	3607
NCBI Accession:	NM_004514 , NP_004505
UniProt:	Q01167

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 660 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

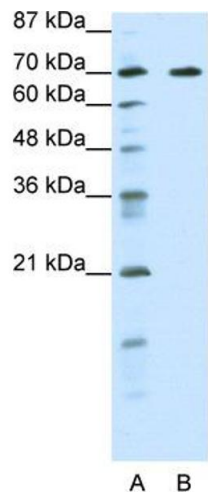
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

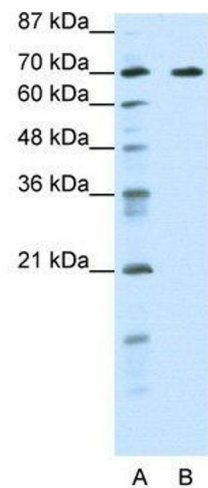
Product cited in:	Braun, Sponder, Pieper, Aschenbach, Deiner: "GABA selectively increases mucin-1 expression in isolated pig jejunum." in: Genes & nutrition , Vol. 10, Issue 6, pp. 47, (2015) (PubMed).
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Images



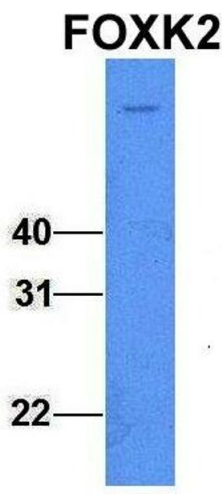
Western Blotting

Image 1. WB Suggested Anti-FOXK2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate FOXK2 is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-FOXK2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate FOXK2 is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 3. Host: Rabbit Target Name: FOXK2 Sample Type: 721_B Antibody Dilution: 1.0ug/ml FOXK2 is supported by BioGPS gene expression data to be expressed in 721_B

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776014.