

Product datasheet for **TA338185**

ILF1 (FOXK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FOXK2 antibody: synthetic peptide directed towards the middle region of human FOXK2. Synthetic peptide located within the following region: ANTYTVSGQAVVTPAAVLAPPKAEAEQENGDHREVKVKVEPIPAIGHATLG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69 kDa
Gene Name:	forkhead box K2
Database Link:	NP_004505 Entrez Gene 3607 Human Q01167



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Background:

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.

Synonyms:

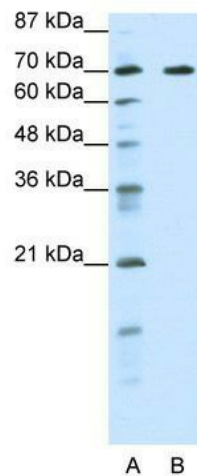
ILF; ILF-1; ILF1

Note:

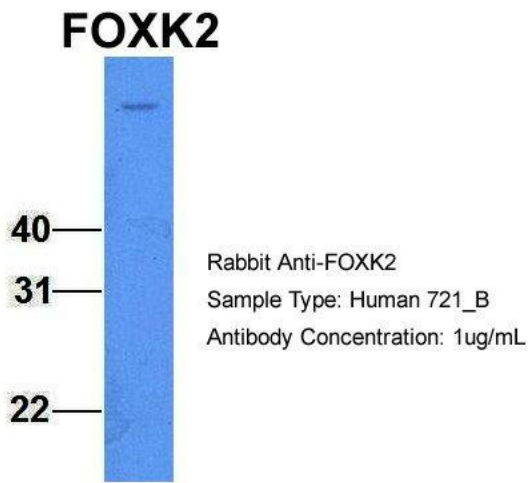
Immunogen Sequence Homology: Human: 100%; Pig: 93%; Horse: 93%; Bovine: 93%; Rat: 91%; Mouse: 91%; Dog: 86%; Rabbit: 79%

Protein Families:

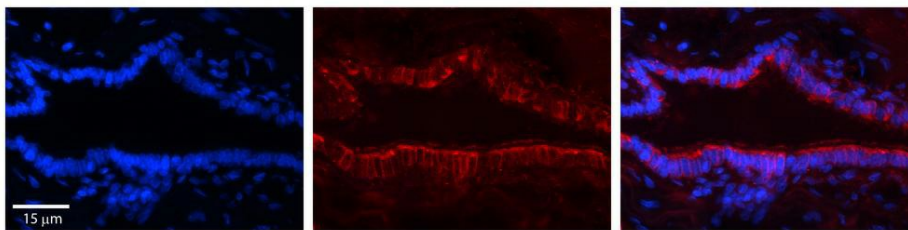
Druggable Genome, Transcription Factors

Product images:

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



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



Rabbit Anti-FOXK2 Antibody; Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue; Observed Staining: Nuclear in perinuclear/nuclear Membrane; Primary Antibody Concentration: 1:100; Other Working Concentrations: 1/600; Secondary Anti