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Datasheet for ABIN2781004 anti-KLF2 antibody (Middle Region)

2 Images



Overview

Quantity:	100 μL
Target:	KLF2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Guinea Pig, Cow, Dog, Horse, Rabbit, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

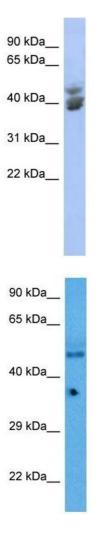
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KLF2	
Sequence:	NWDGCGWKFA RSDELTRHYR KHTGHRPFQC HLCDRAFSRS DHLALHMKRH	
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 1009 Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against KLF2. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	KLF2	

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Target Details		
Alternative Name:	KLF2 (KLF2 Products)	
Background:	KLF2 belongs to the krueppel C2H2-type zinc-finger protein family. It contains 3 C2H2-type zinc fingers. KLF2 binds to the CACCC box in the beta-globin gene promoter and activates transcription. Alias Symbols: LKLF	
	Protein Interaction Partner: KAT2B, EP300, CREBBP, FBXW7, UBC, GSK3B, ELAVL1, SMURF1, WWP1, GATA5, GATA6, WEE1, Protein Size: 355	
Molecular Weight:	37 kDa	
Gene ID:	10365	
NCBI Accession:	NM_016270, NP_057354	
UniProt:	Q9Y5W3	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 355 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.	
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.

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Western Blotting

Image 1. WB Suggested Anti-KLF2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NCI-H226 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: KLF5 Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml

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