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anti-KLF11 antibody (N-Term)







Images



Overview	
Quantity:	100 μL
Target:	KLF11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLF11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human KLF11, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	KLF11 Antibody detects endogenous levels of total KLF11.
Predicted Reactivity:	Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	KLF11

Target Details	
Alternative Name:	KLF11 (KLF11 Products)
Background:	Description: Transcription factor (PubMed:9748269, PubMed:10207080). Activates the epsilonand gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding inhibiting cell growth (PubMed:9748269, PubMed:10207080, PubMed:16131492). Represses transcription of SMAD7 which enhances TGF-beta signaling (By similarity). Induces apoptosis (By similarity). Gene: KLF11
Molecular Weight:	55 kDa
Gene ID:	8462
UniProt:	014901
Application Details	
Application Notes:	WB 1:1000-3000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide

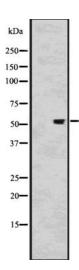
should be handled by trained staff only.

-20 °C

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

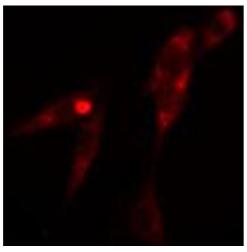
Precaution of Use:

Storage:



Western Blotting

Image 1. Western blot analysis of KLF11 using HT-29 whole cell lysates



Immunofluorescence (fixed cells)

Image 2. ABIN6274094 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.