Product Datasheet

KLF2 Rabbit Polyclonal Antibody

Catalog No: #54228

Package Size: #54228-1 50ul #54228-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

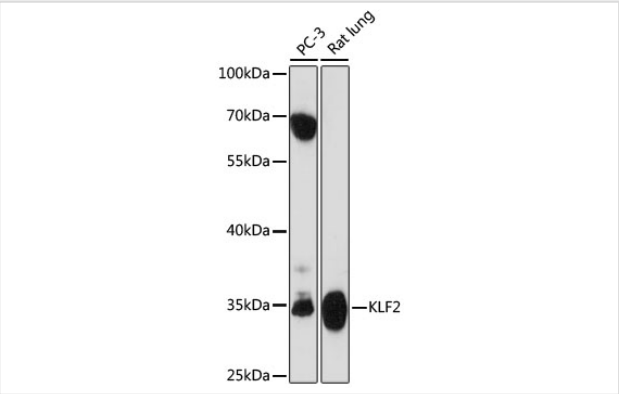
Description

Product Name	KLF2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthetic peptide of human KLF2 (NP_057354.1).
Conjugates	Unconjugated
Other Names	KLF2;LKLF
Accession No.	Swiss Prot:Q9Y5W3GeneID:10365
Calculated MW	37kDa
SDS-PAGE MW	37kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

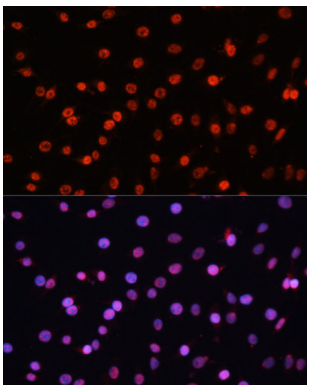
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

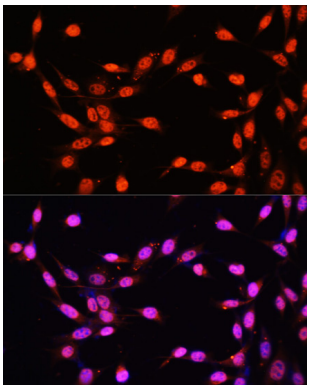
Images



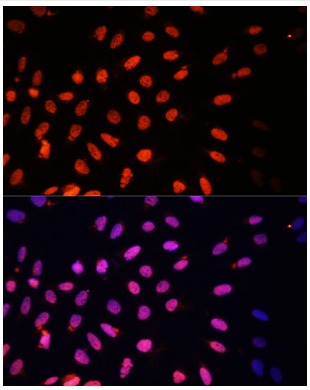
Western blot analysis of extracts of various cell lines, using KLF2 at 1:1000 dilution.



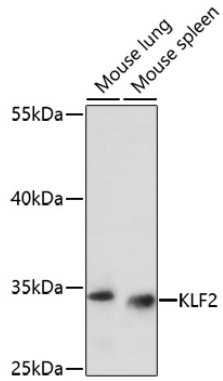
Immunofluorescence analysis of C6 cells using KLF2 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using KLF2 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using KLF2 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using KLF2 at 1:1000 dilution.

Background

This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is expressed early in mammalian development and is found in many different cell types. The protein acts to bind the CACCC box found in the promoter of target genes to activate their transcription. It plays a role in many processes during development and disease including adipogenesis, embryonic erythropoiesis, epithelial integrity, inflammation and t-cell viability.

Published Papers

Zhao Yun;He Xiaofei;Yang Xiaofeng;Hong Zhongqiu;Xu Yin;Xu Jinghui;Zheng Haiqing;Zhang Liying;Zuo Zejie;Hu Xiquan; el at., CircFndc3b Mediates Exercise-Induced Neuroprotection by Mitigating Microglial/Macrophage Pyroptosis via the ENO1/KLF2 Axis in Stroke Mice, , (2024)

PMID:

Yun Zhao;Xiaofei He;Xiaofeng Yang;Zhongqiu Hong;Yin Xu;Jinghui Xu;Haiqing Zheng;Liying Zhang;Zejie Zuo;Xiquan Hu el at., CircFndc3b Mediates Exercise-Induced Neuroprotection by Mitigating Microglial/Macrophage Pyroptosis via the ENO1/KLF2 Axis in Stroke Mice., , (2025)

PMID:39467260

Note: This product is for in vitro research use only and is not intended for use in humans or animals.