KLF2 Antibody

Catalog No: #46591

Orders: order@signalwayantibody.com
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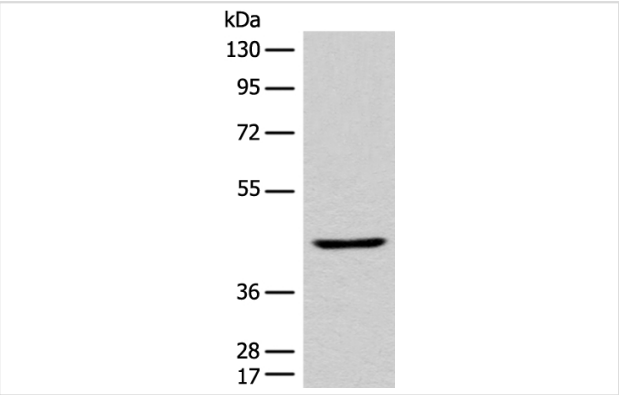
Description

Product Name	KLF2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total KLF2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human KLF2
Target Name	KLF2
Other Names	LKLF
Accession No.	Swiss-Prot:Q9Y5W3NCBI Gene ID:10365NCBI Protein:NP_057354
Uniprot	Q9Y5W3
GeneID	10365;
Calculated MW	37 kDa
Concentration	0.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane: A549 cell lysate,
Primary antibody: 46591B£B¨KLF2 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 1 minute

Background

The krB¨B′Hppel-type zinc finger transcription factors comprise a conserved family of DNA binding proteins that are important in developmental regulation. The krB¨B′Hppel zinc finger transcription factor was initially identified in Drosophila as a segmentation gene. KrB¨B′Hppel-like factors that

have been characterized in mammals include erythroid krB¨B'Hppel-like transcription factor (EKLF), lung krB¨B'Hppel-like transcription factor (LKLF) and gut krB¨B'Hppel-like transcription factor (GKLF). EKLF is expressed principally in erythroid tissues, and LKLF expression is limited to the lung. GKLF is found predominantly in gut and has been shown to be expressed during growth arrest. In a developing mouse embryo, LKLF is necessary for normal tunica media formation and blood vessel stabilization. LKLF is also sufficient to program quiescence in T cells by negatively regulating the c-Myc-dependent pathway. The gene for human LKLF maps to chromosome 19p13.11.

Note: This product is for in vitro research use only