SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-KLF2 antibody

Catalog Number: SL22855R

FOR RESEARCH USE ONLY

[DATASHEET]

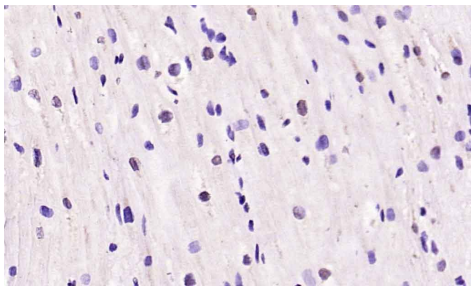
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	KLF2
Immunogen:	KLH conjugated synthetic peptide derived from human KLF2: 1-100/355
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	37kDa
Subcellular Location:	The nucleus
Background:	Kruppel-like factors (KLFs) are a family of broadly expressed zinc finger transcription factors. KLF2 regulates T-cell trafficking by promoting expression of the lipid-binding receptor S1P1 (S1PR1; MIM 601974) and the selectin CD62L (SELL; MIM 153240) (summary by Weinreich et al., 2009 [PubMed 19592277]).[supplied by OMIM, Feb 2011] **Function:** Binds to the CACCC box in the beta-globin gene promoter and activates transcription . **Subunit:** Interacts with WWP1. **Subcellular Location:** Nucleus. **Post-translational modifications:** Ubiquitinated. Polyubiquitination involves WWP1 and leads to proteasomal degradation of this protein. **Similarity:** Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 10365 Human **Entrez Gene:** 16598 Mouse **Entrez Gene:** 306330 Rat Omim: 602016 Human **SwissProt:** Q9Y5W3 Human **SwissProt:** Q60843 Mouse **SwissProt:** Q9ET58 Rat **Unigene:** 107740 Human **Unigene:** 726356 Human **Unigene:** 26938 Mouse **Unigene:** 92653 Rat

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (human myocardium); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KLF2) Polyclonal Antibody, Unconjugated (SL22855R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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