

KLF2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50863**Specification**

KLF2 Antibody - Product Information

Application	WB, IHC
Primary Accession	O9Y5W3
Reactivity	Human, Mouse, Rat, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39;[uniprot]37.4 KDa
Antigen Region	251-355/355

KLF2 Antibody - Additional Information**Gene ID** 10365**Other Names**

Krueppel-like factor 2, Lung krueppel-like factor, KLF2, LKLF

Dilution

WB~~ 1:500<br \>IHC~~1:100-1:500

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KLF2 Antibody - Protein Information**Name** KLF2**Synonyms** LKLF**Function**

Transcription factor that binds to the CACCC box in the promoter of target genes such as HBB/beta globin or NOV and activates their transcription (PubMed:21063504). Might be involved in transcriptional regulation by modulating the binding of the RARA nuclear receptor to RARE DNA elements (PubMed:28167758).

Cellular Location

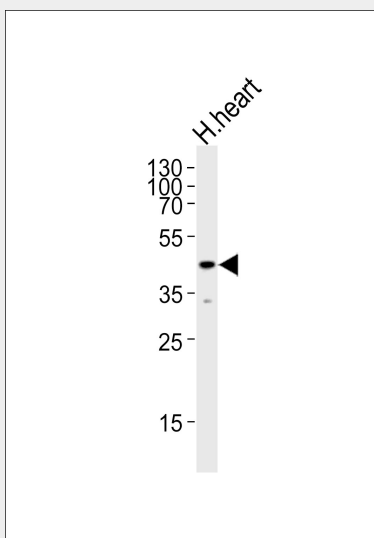
Nucleus.

KLF2 Antibody - Protocols

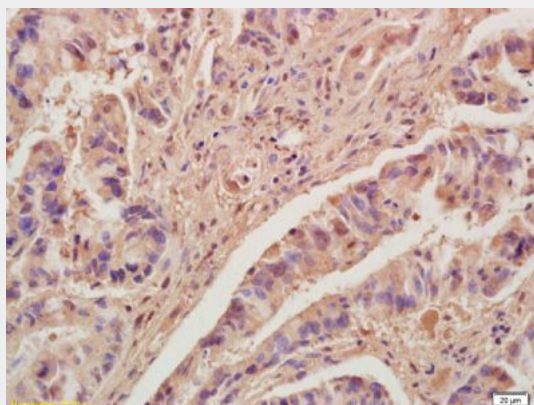
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KLF2 Antibody - Images



Mouse embryo lysates probed with Anti KLF2 Polyclonal Antibody, Unconjugated (AP50863) at 1:200 overnight at 4°C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37°C.



Tissue/cell: human colon carcinoma ; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer at 37°C for 20 min; Incubation: Anti-KLF2 Polyclonal Antibody, Unconjugated 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

KLF2 Antibody - Background

Binds to the CACCC box in the beta-globin gene promoter and activates transcription (By similarity).

KLF2 Antibody - References

Kozyrev S.V.,et al.FEBS Lett. 448:149-152(1999).
Wani M.A.,et al.Genomics 60:78-86(1999).
Lee H.J.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.
Conkright M.D.,et al.J. Biol. Chem. 276:29299-29306(2001).