

Rabbit anti-Human, mouse KLF2 Polyclonal Antibody | anti-KLF2 antibody

KLF2 Antibody (N-term)

CATALOG # AAA285608	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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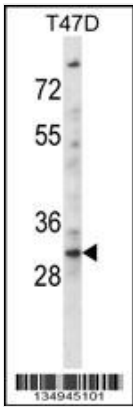
PRODUCT SYNONYMS

KLF2; Polyclonal Antibody; KLF2 Antibody (N-term); Krueppel-like factor 2; Lung krueppel-like factor; LKLF; anti-KLF2 antibody

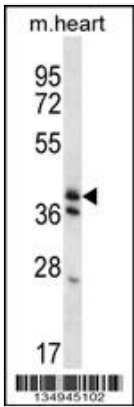
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KLF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human KLF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification
Sequence Positions	13-42
Applicable Applications for anti-KLF2 antibody	ELISA, WB (Western Blot)
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:). Might be involved in transcriptional regulation by modulating the binding of the RARA nuclear receptor to RARE DNA elements (PubMed:).
Cellular Location	Nucleus.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
KLF2 Antibody (N-term)(AAA285608) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the KLF2 antibody detected the KLF2 protein (arrow).



WB (Western Blot)
KLF2 Antibody (N-term) (AAA285608) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the KLF2 antibody detected the KLF2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLF2 antibody	KLF2 binds to the CACCC box in the beta-globin gene promoter and activates transcription (By similarity).
Product Categories/Family for anti-KLF2 antibody	Cancer; Cardiovascular; Neuroscience
References	Lin, Z., et al. Arterioscler. Thromb. Vasc. Biol. 30(10):1952-1959(2010) Zahlten, J., et al. J. Immunol. 185(1):597-604(2010) Wang, W., et al. Blood 115(14):2971-2979(2010) Boon, R.A., et al. Blood 115(12):2533-2542(2010) Villarreal, G. Jr., et al. Biochem. Biophys. Res. Commun. 391(1):984-989(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706469
NCBI GeneID	10365
NCBI Accession #	NP_057354.1
NCBI GenBank Nucleotide #	NM_016270.2
UniProt Accession #	Q9Y5W3; Q6IPC4; Q9UJS5; Q9UKR6
NCBI Official Full Name	Krueppel-like factor 2
NCBI Official Synonym Full Names	Kruppel-like factor 2
NCBI Official Symbol	KLF2
NCBI Official Synonym Symbols	LKLF
NCBI Protein Information	Krueppel-like factor 2
UniProt Protein Name	Krueppel-like factor 2
UniProt Gene Name	KLF2
UniProt Synonym Gene Names	LKLF
UniProt Entry Name	KLF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/klf2-antibody-western-blot-elisa/285608>