

Rabbit KLF15 Polyclonal Antibody | anti-KLF15 antibody

KLF15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328954	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%)	ELISA

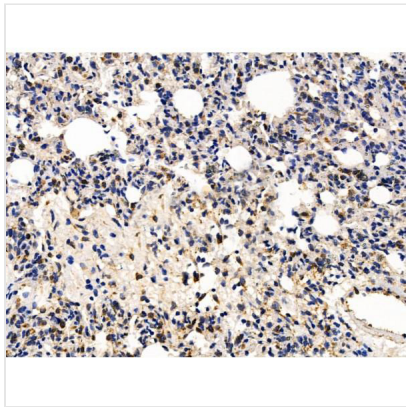
PRODUCT SYNONYMS

KLF15; Polyclonal Antibody; KLF15 Antibody; Kidney enriched Kruppel like factor; Kidney-enriched krueppel-like factor; KKLF; KKLF protein; KLF 15; KLF15_HUMAN; Krueppel-like factor 15; Kruppel like factor 15; anti-KLF15 antibody

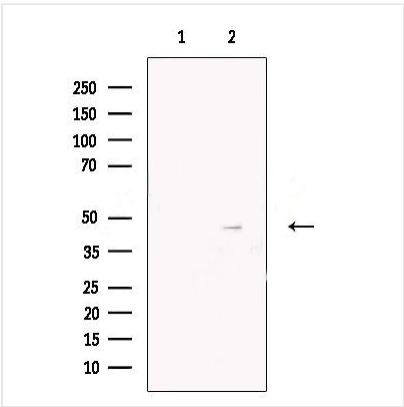
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	KLF15 Antibody detects endogenous levels of total KLF15.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-KLF15 antibody	ELISA
Immunogen	A synthesized peptide derived from human KLF15, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328954 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using KLF15 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF15 antibody	Function: Transcriptional regulator that binds to the GA element of the CLCNKA promoter. Binds to the KCNIP2 promoter and regulates KCNIP2 circadian expression in the heart (By similarity). Is a repressor of CCN2 expression, involved in the control of cardiac fibrosis. It is also involved in the control of cardiac hypertrophy acting through the inhibition of MEF2A and GATA4 (By similarity). Involved in podocyte differentiation (By similarity). Inhibits MYOCD activity. Is a negative regulator of TP53 acetylation. Inhibits NF-kappa-B activation through repression of EP300-dependent RELA acetylation.
	Subcellular Location: Nucleus.
	Tissue Specificity: Highly expressed in liver, skeletal muscle, and kidney. Expressed in cardiomyocytes. Expression is highly reduced in cardiac tissue of patients with non-ischemic cardiomyopathy and aortic aneurysm, and in glomerular disease. Not expressed in bone marrow or lymphoid tissues.
	Subunit Structure: Interacts with MYOCD and EP300.
	Similarity: The 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.Belongs to the Sp1 C2H2-type zinc-finger protein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662494
NCBI GeneID	28999
NCBI Accession #	NP_054798.1
NCBI GenBank Nucleotide #	NP_054798.1
UniProt Accession #	Q9UIH9
Molecular Weight	Observed Molecular Weight: (Observed)43kD. Predicted Molecular Weight: (Calculated)44kDa.
NCBI Official Full Name	Krueppel-like factor 15
NCBI Official Synonym Full Names	Kruppel like factor 15
NCBI Official Symbol	KLF15
NCBI Official Synonym Symbols	KKLF

NCBI Protein Information	Krueppel-like factor 15
UniProt Protein Name	Krueppel-like factor 15
UniProt Gene Name	KLF15
UniProt Synonym Gene Names	KKLF
UniProt Entry Name	KLF15_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/klf15-antibody-elisa/328954>