

Rabbit KLF6 Polyclonal Antibody | anti-KLF6 antibody

KLF6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197999	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

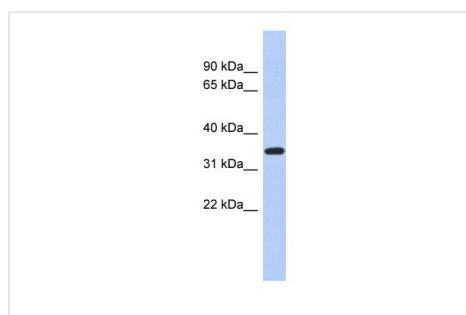
PRODUCT SYNONYMS

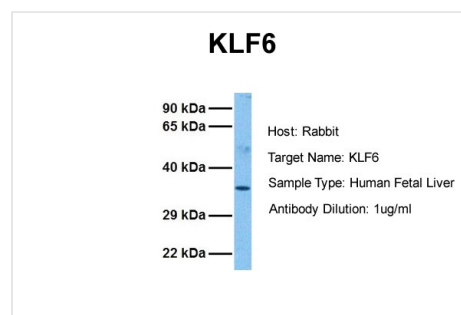
KLF6; Polyclonal Antibody; KLF6 antibody - N-terminal region; anti-KLF6 antibody

PRODUCT SPECIFICATIONS

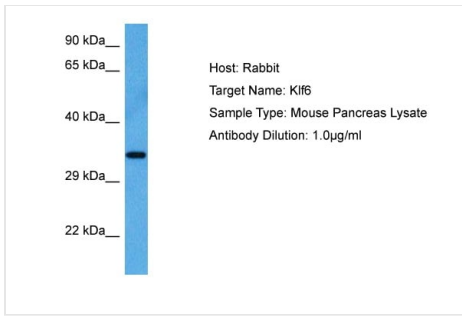
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RE KKEESELKIS SSPPEDTLIS PSFCYNLETN SLNSDVSSSES SDSSEELS
Sequence Length	283
Applicable Applications for anti-KLF6 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KLF6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-KLF6 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Stomach

WB (Western Blot)

Host: Rabbit
Target Name: KLF6
Sample Tissue: Human Fetal Liver
Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: MouseTarget Name: KLF6Sample Tissue: Mouse PancreasAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KLF6 antibody	This is a rabbit polyclonal antibody against KLF6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KLF6 is a nuclear protein that has three zinc fingers at the end of its C-terminal domain, a serine/threonine-rich central region, and an acidic domain lying within the N-terminal region. The zinc fingers of this protein are responsible for the specific DNA binding with the guanine-rich core promoter elements. The central region might be involved in activation or posttranslational regulatory pathways, and the acidic N-terminal domain might play an important role in the process of transcriptional activation. It is capable of activating transcription approximately 4-fold either on homologous or heterologous promoters. KLF6 may participate in the regulation and/or maintenance of the basal expression of pregnancy-specific glycoprotein genes and possibly other TATA box-less genes.This gene encodes a nuclear protein that has three zinc fingers at the end of its C-terminal domain, a serine/threonine-rich central region, and an acidic domain lying within the N-terminal region. The zinc fingers of this protein are responsible for the specific DNA binding with the guanine-rich core promoter elements. The central region might be involved in activation or posttranslational regulatory pathways, and the acidic N-terminal domain might play an important role in the process of transcriptional activation. It is capable of activating transcription approximately 4-fold either on homologous or heterologous promoters. The DNA binding and transcriptional activity of this protein, in conjunction with its expression pattern, suggests that this protein may participate in the regulation and/or maintenance of the basal expression of pregnancy-specific glycoprotein genes and possibly other TATA box-less genes. Two transcript variants encoding the same protein have been found for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-731 BM544849.1 20-750 732-1504 BC000311.2 669-1441 1505-1598 BC004301.1 1440-1533
Product Categories/Family for anti-KLF6 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Transcription Regulation; Chromatin & Nuclear Signaling; Signal Transduction; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	37655157
NCBI GeneID	1316
NCBI Accession #	NP_001291
NCBI GenBank Nucleotide #	NM_001300
UniProt Accession #	Q99612
Molecular Weight	32kDa
NCBI Official Full Name	Krueppel-like factor 6 isoform A
NCBI Official Synonym Full Names	Kruppel like factor 6
NCBI Official Symbol	KLF6
NCBI Official Synonym Symbols	GBF; ZF9; BCD1; CBA1; CPBP; PAC1; ST12; COPEB

NCBI Protein Information	Krueppel-like factor 6
UniProt Protein Name	Krueppel-like factor 6
UniProt Gene Name	KLF6
UniProt Synonym Gene Names	BCD1; COPEB; CPBP; ST12
UniProt Entry Name	KLF6_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/klf6-antibody-western-blot-elisa/197999>