

Rabbit KLF4 Polyclonal Antibody | anti-KLF4 antibody

KLF4 antibody - C-terminal region

CATALOG # AAA198311	HOST Rabbit	REACTIVITY Human, Mouse Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	--	---

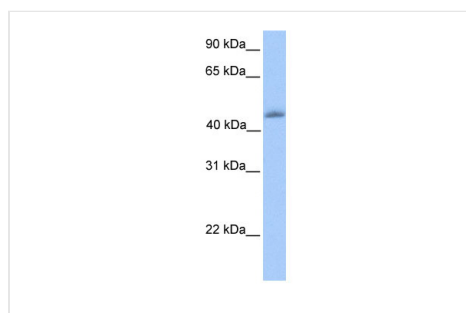
PRODUCT SYNONYMS

KLF4; Polyclonal Antibody; KLF4 antibody - C-terminal region; anti-KLF4 antibody

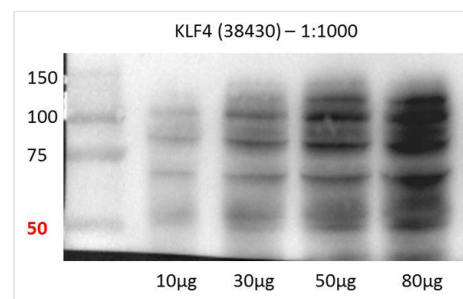
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: 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: AG CGKTYTKSSH LKAHLRHTTG EKPYHCDWDG CGWKFARSDE LTRHYRKH
Sequence Length	470
Applicable Applications for anti-KLF4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KLF4
Protein Size	470 amino acids
Protein Interactions	EP300; CREBBP; SETD7; CTBP1; Dlg4; APP; CUL2; VHL; UBC; TCEB2; SP1; RELA; PRKCD; PPARG; SMARCA4; HDAC2; HDAC7; KAT5; HDAC1; HDAC5; ELK1; KLF6; TP53;
Preparation and Storage	For short term use, store at 2-8°C. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

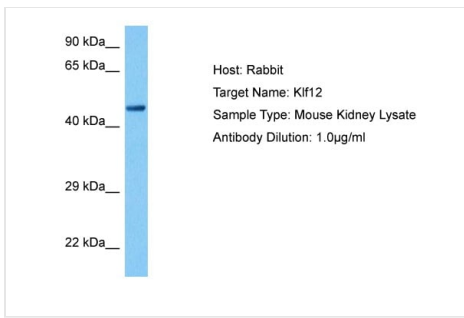
IMAGES


WB (Western Blot)

WB Suggested Anti-KLF4 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart

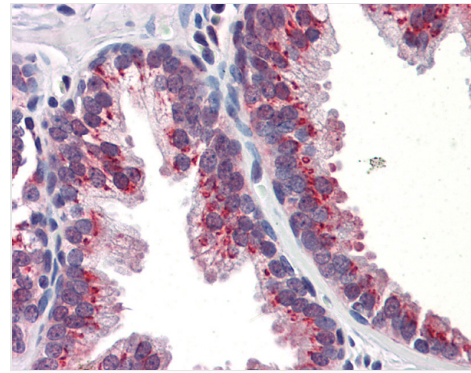

WB (Western Blot)

Human lung cell line

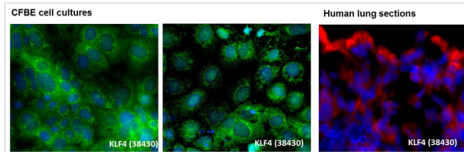


WB (Western Blot)

Host: Mouse Target Name: KLF12 Sample Tissue: Mouse Kidney Antibody Dilution: 1µg/ml



IHC (Immunohistochemistry)
prostate



IHC (Immunohistochemistry)

Human lung epithelial cell

ADDITIONAL INFORMATION

Related Product Information for anti-KLF4 antibody	This is a rabbit polyclonal antibody against KLF4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The mammalian Kruppel-like transcription factor, KLF4 is involved in preventing centrosome amplification following DNA damage caused by gamma-irradiation. It is both necessary and sufficient in preventing centrosome amplification following gamma-radiation-induced DNA damage and does so by transcriptionally suppressing cyclin E expression. Kruppel-like factor 4 is also known to exhibit checkpoint function during the G1/S and G2/M transitions of the cell cycle.
Product Categories/Family for anti-KLF4 antibody	Polyclonal; Transcription Factor; Signal Proteins; Transcription Regulation; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248077
NCBI GeneID	9314
NCBI Accession #	NP_004226
NCBI GenBank Nucleotide #	NM_004235
UniProt Accession #	O43474
Molecular Weight	50kDa
NCBI Official Full Name	Krueppel-like factor 4 isoform 2
NCBI Official Synonym Full Names	Kruppel like factor 4
NCBI Official Symbol	KLF4
NCBI Official Synonym Symbols	EZF; GKLF
NCBI Protein Information	Krueppel-like factor 4
UniProt Protein Name	Krueppel-like factor 4
UniProt Gene Name	KLF4

UniProt Synonym Gene Names	EZF; GKLF
UniProt Entry Name	KLF4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/klf4-antibody-western-blot-immunohistochemistry-elisa/198311>