

Rabbit KLF3 Polyclonal Antibody | anti-KLF3 antibody

Anti-KLF3 antibody

CATALOG # AAA45400	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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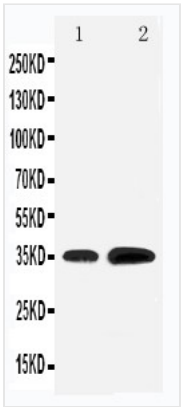
PRODUCT SYNONYMS

KLF3; Polyclonal Antibody; Anti-KLF3 antibody; Krueppel-like factor 3; Kruppel-like factor 3(basic); Basic krueppel-like factor antibody; Basic Kruppel like factor antibody; BKLF3 antibody; CACCC box binding protein BKLF antibody; CACCC-box-binding protein BKLF antibody; Klf3 antibody; KLF3_HUMAN antibody; Krueppel-like factor 3 antibody; Kruppel like factor 3(basic) antibody; MGC48279 antibody; TEF-2 antibody; TEF2 antibody; Transcript ch138 antibody; Zinc finger protein 741 antibody; ZNF741 antibody; anti-KLF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	345
Applicable Applications for anti-KLF3 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human KLF3 (20-34aa SYPSNYMESMKPNKY), different from the related rat sequence by one amino acid, and from the related mouse sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-KLF3 antibody, AAA45400, Western blottingLane 1: Rat Testis Tissue LysateLane 2:
HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-KLF3 antibody	Description: Rabbit IgG polyclonal antibody for Krueppel-like factor 3(KLF3) detection. Tested with WB in Human, Mouse, Rat. Background: KLF3(Krueppel-like factor 3) is a protein that in humans is encoded by the KLF3 gene. It is also known as BKLF(Basic kruppel-like factor). KLF3 is a member of the Krüppel-like factors family of transcription factors. KLF3 primarily represses transcription through the transcriptional corepressor C-terminal binding protein(CtBP). Suske et al.(2005) stated that the human KLF3 gene maps to chromosome 4p14, and the mouse Klf3 gene maps to chromosome 5C3.3. Suske et al.(2005) stated that the human and mouse KLF3 proteins contain 345 and 344 amino acids, respectively. Both have a characteristic zinc finger domain, but lack the N-terminal buttonhead box found in related SP transcription factors. The repression mediated through KLF3 is also partially dependent on the sumoylation of its K10 and K197. Within KLF3's C-terminal, which is highly conserved throughout the KLF family, resides three C2H2 zinc fingers that preferentially bind the site NRG GNG NGR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12644533
NCBI GeneID	51274
UniProt Accession #	P57682; Q6PIR1; Q86TN0; Q9P2X6
Molecular Weight	25,430 Da
NCBI Official Full Name	Krueppel-like factor 3
NCBI Official Synonym Full Names	Kruppel-like factor 3 (basic)
NCBI Official Symbol	KLF3
NCBI Official Synonym Symbols	BKLF
NCBI Protein Information	Krueppel-like factor 3; TEF-2; transcript ch138; basic Kruppel-like factor; basic kruppel like factor; basic krueppel-like factor; CACCC-box-binding protein BKLF
UniProt Protein Name	Krueppel-like factor 3
UniProt Gene Name	KLF3
UniProt Synonym Gene Names	BKLF
UniProt Entry Name	KLF3_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.

