

Rabbit anti-Mouse Klf4 Polyclonal Antibody | anti-Klf4 antibody

Mouse Klf4 Antibody (Center)

CATALOG # AAA286859	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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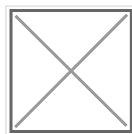
PRODUCT SYNONYMS

Klf4; Polyclonal Antibody; Mouse Klf4 Antibody (Center); Krueppel-like factor 4; Epithelial zinc finger protein EZF; Gut-enriched krueppel-like factor; Ezf; Gklf; Zie; anti-Klf4 antibody

PRODUCT SPECIFICATIONS

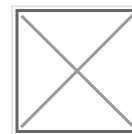
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Klf4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 321-354 amino acids from the Central region of mouse Klf4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (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 Length	483
Applicable Applications for anti-Klf4 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from mouse small intestine, mouse testis tissue lysate (from left to right), using Klf4 Antibody (Center). AAA286859 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



WB (Western Blot)

Western blot analysis of lysate from mouse heart tissue lysate, using Klf4 Antibody (Center). AAA286859 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-Klf4 antibody	Transcription factor; can act both as activator and as repressor. Binds the 5'-CACCC-3' core sequence. Binds to the promoter region of its own gene and can activate its own transcription. Regulates the expression of key transcription factors during embryonic development. Plays an important role in maintaining embryonic stem cells, and in preventing their differentiation. Required for establishing the barrier function of the skin and for postnatal maturation and maintenance of the ocular surface. Involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. Contributes to the down-regulation of p53/TP53 transcription (By similarity).
Product Categories/Family for anti-Klf4 antibody	Crown Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Shields J.M.,et al.J. Biol. Chem. 271:20009-20017(1996). Garrett-Sinha L.A.,et al.J. Biol. Chem. 271:31384-31390(1996). Mahatan C.S.,et al.Nucleic Acids Res. 27:4562-4569(1999). Chen Z.-Y.,et al.Exp. Cell Res. 281:19-27(2002). Carninci P.,et al.Science 309:1559-1563(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	171543888
NCBI GeneID	16600
NCBI Accession #	NP_034767.2
NCBI GenBank Nucleotide #	NM_010637.3
UniProt Accession #	Q60793; P70421; Q3U2D6; Q3URS6; Q78K30; Q9R255
Molecular Weight	51880
NCBI Official Full Name	Krueppel-like factor 4
NCBI Official Synonym Full Names	Kruppel-like factor 4 (gut)
NCBI Official Symbol	Klf4
NCBI Official Synonym Symbols	EZF; Zie; 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; Zie
UniProt Entry Name	KLF4_MOUSE

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.