

Rabbit anti-Human Krueppel-like factor 4 Polyclonal Antibody | anti-KLF4 antibody

Rabbit anti-human Krueppel-like factor 4 polyclonal Antibody(KLF4)

CATALOG # AAA119042	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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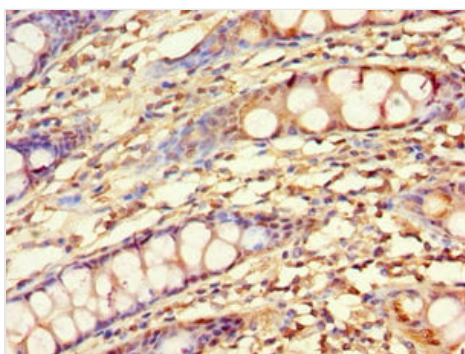
PRODUCT SYNONYMS

Krueppel-like factor 4; Polyclonal Antibody; Rabbit anti-human Krueppel-like factor 4 polyclonal Antibody(KLF4); Epithelial zinc finger protein EZF; Gut-enriched krueppel-like factor; KLF4; EZF; GKLF; anti-KLF4 antibody

PRODUCT SPECIFICATIONS

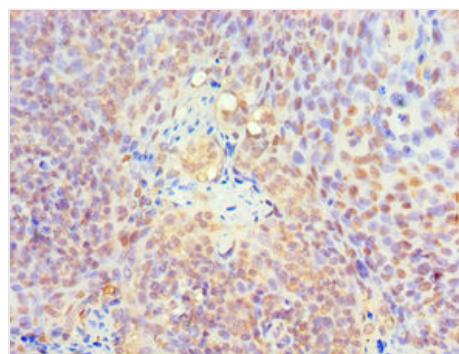
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	513
Applicable Applications for anti-KLF4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Krueppel-like factor 4 protein (30-230aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-12538 / sc-20691
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



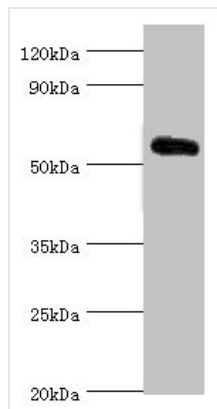
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119042 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA119042 at dilution 1:100



WB (Western Blot)

All lanes: Krueppel-like factor 4 antibody at 5ug/ml+293T whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 55,52,46,13,7 kDaObserved band size: 55 kDa

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	930697457
NCBI GeneID	9314
NCBI Accession #	NP_001300981.1
NCBI GenBank Nucleotide #	NM_001314052.1
UniProt Accession #	O43474; P78338; Q5T3J8; Q5T3J9; Q8N717; Q9UNP3; B2R8S4; B3KT79; L0R3I6; L0R4N5
Molecular Weight	6,489 Da
NCBI Official Full Name	Krueppel-like factor 4 isoform 1
NCBI Official Synonym Full Names	Kruppel-like factor 4 (gut)
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.