

Rabbit KLF2 Polyclonal Antibody | anti-KLF2 antibody

KLF2 Rabbit pAb

CATALOG # AAA281662	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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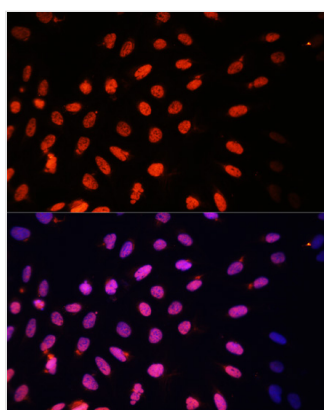
PRODUCT SYNONYMS

KLF2; Polyclonal Antibody; KLF2 Rabbit pAb; LKLF; anti-KLF2 antibody

PRODUCT SPECIFICATIONS

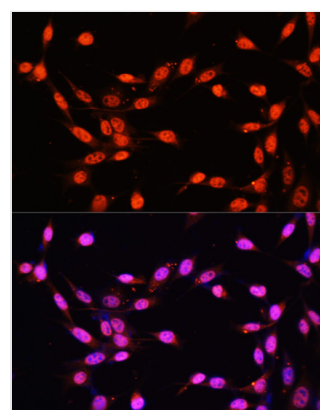
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	SMGLDGLGAE AAPEPPPPPP PPAFYYPEPG APPYSAPAG GLVSELLRPE LDAPLGPAH GRFLAPPGR LVKAEPPEAD GGGGYGCAPG LTRGPRGLKR E
Applicable Applications for anti-KLF2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human KLF2 (NP_057354.1).
Cellular Location	Nucleus
Positive Samples	A-549, PC-3, U-251MG
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



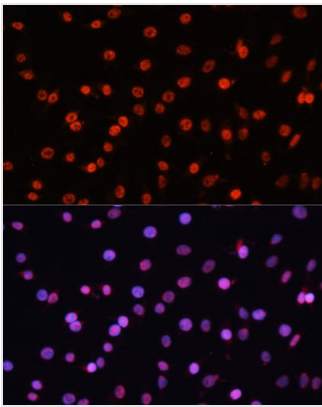
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using KLF2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



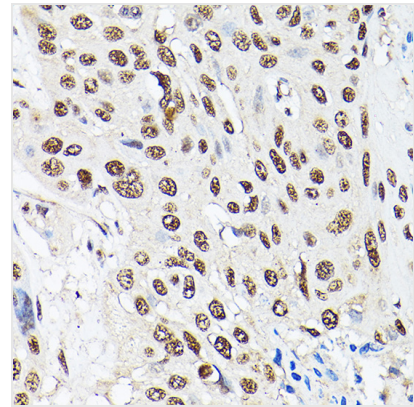
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using KLF2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



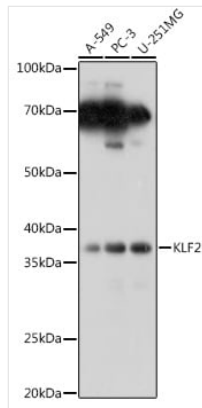
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using KLF2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using KLF2 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KLF2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF2 antibody	Background: This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is expressed early in mammalian development and is found in many different cell types. The protein acts to bind the CACCC box found in the promoter of target genes to activate their transcription. It plays a role in many processes during development and disease including adipogenesis, embryonic erythropoiesis, epithelial integrity, inflammation and t-cell viability.
Product Categories/Family for anti-KLF2 antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Cancer; Invasion and Metastasis; Research; Cardiovascular; Angiogenesis; Angiogenic inhibitory factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706469
NCBI GeneID	10365
NCBI Accession #	NP_057354.1
NCBI GenBank Nucleotide #	NM_016270.3
UniProt Accession #	Q9Y5W3; Q6IPC4; Q9UJS5; Q9UKR6
Molecular Weight	37,420 Da
NCBI Official Full Name	Krueppel-like factor 2

NCBI Official Synonym Full Names	Kruppel-like factor 2
NCBI Official Symbol	KLF2
NCBI Official Synonym Symbols	LKLF
NCBI Protein Information	Krueppel-like factor 2
UniProt Protein Name	Krueppel-like factor 2
UniProt Gene Name	KLF2
UniProt Synonym Gene Names	LKLF

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://www.aaabiotech.com/polyclonal/klf2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281662>