

Rabbit anti-Human, Mouse KLF7 Polyclonal Antibody | anti-KLF7 antibody

KLF7 Antibody

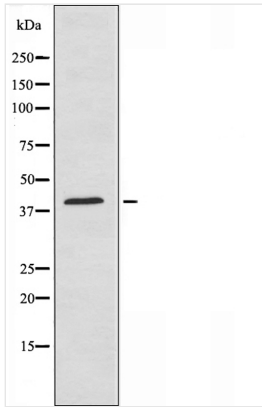
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324320	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

KLF7; Polyclonal Antibody; KLF7 Antibody; KLF7_HUMAN; Krueppel like factor 7; Krueppel-like factor 7; Kruppel like factor 7; Ubiquitous krueppel like factor; Ubiquitous krueppel-like factor; UKLF; anti-KLF7 antibody

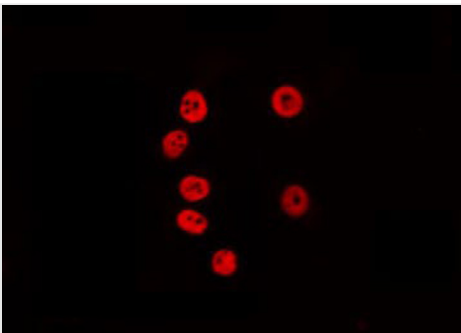
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	KLF7 antibody detects endogenous levels of total KLF7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	230
Applicable Applications for anti-KLF7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Ubiquitous and highly expressed in brain and spinal cord in the adult, and in kidney and brain in the embryo.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (82%), Horse (82%), Sheep (82%), Rabbit (82%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using KLF7 antibody.



IF (Immunofluorescence)

AAA324320 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF7 antibody	Function: Transcriptional activator. Binds in vitro to the CACCC motif of the beta-globin promoter and to the SP1 recognition sequence. Similarity: The acidic N-terminal part may favor interaction with the basic domain of transcription factors. Belongs to the krueppel C2H2-type zinc-finger protein family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	401709918
NCBI GeneID	8609
NCBI Accession #	NP_001257871.1
NCBI GenBank Nucleotide #	NM_001270942.1
UniProt Accession #	O75840; Q7Z3H8; Q96E51; B2RB03; B7Z4F7; C9JF04; E7EWH1; L0R4P2
Molecular Weight	Observed: 41 kD Predicted: 34 kDa
NCBI Official Full Name	Krueppel-like factor 7 isoform 2
NCBI Official Synonym Full Names	Kruppel like factor 7
NCBI Official Symbol	KLF7
NCBI Official Synonym Symbols	UKLF
NCBI Protein Information	Krueppel-like factor 7
UniProt Protein Name	Krueppel-like factor 7
UniProt Gene Name	KLF7
UniProt Synonym Gene Names	UKLF

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.