

Rabbit KLF5 Polyclonal Antibody | anti-KLF5 antibody

Phospho-KLF5 (Ser303) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328245	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

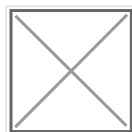
PRODUCT SYNONYMS

KLF5; Polyclonal Antibody; Phospho-KLF5 (Ser303) Antibody; Basic transcription element binding protein 2; Basic transcription element-binding protein 2; BTE binding protein 2; BTE-binding protein 2; BTEB 2; BTEB2; CKLF; Colon krueppel like factor; Colon krueppel-like factor; GC box binding protein 2; GC-box-binding protein 2; IKLF; Intestinal enriched krueppel like factor; Intestinal-enriched krueppel-like factor; KLF 5; Klf5; KLF5_HUMAN; Krueppel like factor 5; Krueppel-like factor 5; Kruppel like factor 5 intestinal; Transcription factor BTEB 2; Transcription factor BTEB2; anti-KLF5 antibody

PRODUCT SPECIFICATIONS

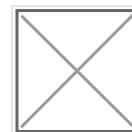
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-KLF5(Ser303) Antibody detects endogenous levels of KLF5 only when phosphorylated at Ser303.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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	457
Applicable Applications for anti-KLF5 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KLF5 around the phosphorylation site of Ser303.
Tissue Specificity	Expressed only in testis and placenta.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-KLF5(Ser303) in lysates of A549, using Phospho-KLF5(Ser303) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-KLF5 antibody	Description: Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes.
	Post Translational Modifications: Ubiquitinated. Polyubiquitination involves WWP1 and leads to proteasomal degradation of this protein.
	Subunit Structure: Interacts with WWP1.
	Similarity: Belongs to the krueppel C2H2-type zinc-finger protein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644412
NCBI GeneID	688
UniProt Accession #	Q13887
Molecular Weight	Observed: 51 kDa Predicted: 51 kDa
NCBI Official Full Name	Krueppel-like factor 5
NCBI Official Synonym Full Names	Kruppel like factor 5
NCBI Official Symbol	KLF5
NCBI Official Synonym Symbols	CKLF; IKLF; BTEB2
NCBI Protein Information	Krueppel-like factor 5
UniProt Protein Name	Krueppel-like factor 5
UniProt Gene Name	KLF5
UniProt Synonym Gene Names	BTEB2; CKLF; IKLF; BTE-binding protein 2
UniProt Entry Name	KLF5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/klf5-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328245>