



Anti-KLF4 (aa 221-320) polyclonal antibody (DPAB-DC3776)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	KLF4 (Kruppel-like factor 4 (gut)) is a protein-coding gene. Diseases associated with KLF4 include skin squamous cell carcinoma, and familial adenomatous polyposis. GO annotations related to this gene include double-stranded DNA binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is KLF1.
Immunogen	KLF4 (AAH29923, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag. The sequence is VLKASLSAPGSEYGSPSVISVSKGSPDGSHPVVVAPYNGGPPRTCPKIKQEAVSSCTHLG AGPPLSNGHRPAAHDFPLGRQLPSRTTPTLGLLEVLSSRD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [KLF4 Kruppel-like factor 4 \(gut\) \[Homo sapiens \(human\) \]](#)

Official Symbol	KLF4
Synonyms	KLF4; Kruppel-like factor 4 (gut); EZF; GKLF; Krueppel-like factor 4; gut-enriched krueppel-like factor; epithelial zinc finger protein EZF; endothelial Kruppel-like zinc finger protein;
Entrez Gene ID	9314
Protein Refseq	NP_004226
UniProt ID	O43474
Chromosome Location	9q31
Pathway	Developmental Biology; Peptide hormone metabolism; SRF and miRs in Smooth Muscle Differentiation and Proliferation; Transcriptional regulation of pluripotent stem cells
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II transcription factor binding; RNA polymerase II transcription factor binding tr