



Anti-KLF4 (aa 1-100) polyclonal antibody (DPABH-28493)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide corresponding to Mouse KLF4 aa 1-100 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: Q60793
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS. Batches of this product that have a concentration
Preservative	0.02% Sodium Azide

Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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GENE INFORMATION

Gene Name	Klf4 Kruppel-like factor 4 (gut) [Mus musculus]
Official Symbol	KLF4
Synonyms	KLF4; Kruppel-like factor 4 (gut); Krueppel-like factor 4; gut-enriched krueppel-like factor; epithelial zinc finger protein EZF; Kruppel-like factor 4 (Gut enriched kruppel-like factor) (Epithelial zinc-finger protein EZF); EZF; Zie; Gklf;
Entrez Gene ID	16600
Protein Refseq	NP_034767
UniProt ID	F2YID5
Pathway	Developmental Biology; PluriNetWork; Transcriptional Regulation of White Adipocyte Differentiation;
Function	DNA binding; 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 fact