

Immunotag™ Phospho-KLF4(Ser254) Antibody

Antibody Specification	
Catalog No.	ITA0765
Product Description	Immunotag™ Phospho-KLF4(Ser254) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-KLF4(Ser254)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human KLF4 around the phosphorylation site of Ser254.
Specificity	Phospho-KLF4(Ser254) Antibody detects endogenous levels of KLF4.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	KLF4
Accession No.	O43474
Alternate Names	Endothelial Kruppel like zinc finger protein; Epithelial zinc finger protein EZF; EZF; GKLF; gut Kruppel-like factor; Gut-enriched krueppel-like factor; KLF; KLF4; KLF4_HUMAN; Krueppel-like factor 4; Kruppel like factor 4 (Epithelial zinc finger protein EZF) (Gut enriched Krueppel like factor); Kruppel like factor 4 (gut);

Antibody Specification

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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	62kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.