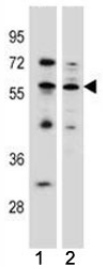
KLF4 Antibody (F41898)

Catalog No.	Formulation	Size
F41898-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41898-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O43474
Applications	Western Blot : 1:1000
Limitations	This KLF4 antibody is available for research use only.



KLF4 antibody western blot analysis in (1) MCF-7 (2) K562 lysate. Predicted molecular weight: 50-60 kDa + possible ~75 kDa (phosphorylated form).

Description

KLF4 is a transcription factor which acts as both an activator and repressor. Binds the CACCC core sequence. Binds to multiple sites in the 5'-flanking region of its own gene and can activate its own transcription. 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.

Learn more about KLF4 biology and its role as a stem cell-associated transcription factor by visiting our KLF4 Antibody / Stem Cell Transcription Factor Antibody page.

Application Notes

Titration of the KLF4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 283-314 from the human protein was used as the immunogen for this KLF4 antibody.

Storage

Aliquot the KLF4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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