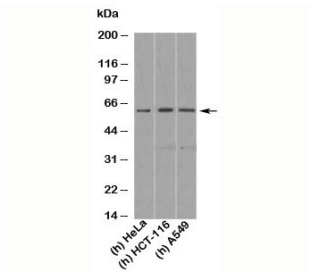
KLF4 Antibody (N1004)

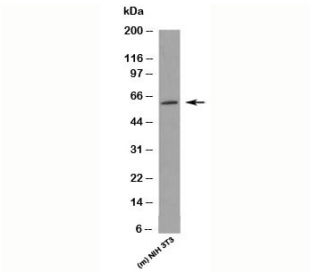
Catalog No.	Formulation	Size
N1004-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug

Bulk quote request

Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A Affinity Chromatography
Buffer	1X PBS, pH 7.4
Gene ID	9314
Applications	Western blot: 1-3ug/ml
Limitations	This **KLF4 antibody** is available for research use only.



Western blot testing of human samples with KLF4 antibody at 1 ug/ml. Predicted molecular weight: 50-60 kDa + possible ~75 kDa (phosphorylated form).



Western blot testing of mouse samples with KLF4 antibody at 1 ug/ml.

Description

Krueppel-like factor family members are involved in growth regulation and a wide range of developmental processes. KLF4 is highly expressed in epithelial tissues including skin and stomach/intestine. Studies have shown that KLF4 can function as both an oncogene, upregulating hSSC, and a tumor suppressor, down-regulating colorectal cancer. KLF4 is 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

Provided assay concentrations are suggestions only, KLF4 antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from N-terminal human KLF4 was used as the immunogen for this antibody.

Storage

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

Alternate Names

Krueppel-like factor 4, Epithelial zinc finger protein, EZF, Gut-enriched krueppel-like factor, GKLF

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