

anti- KLF4 antibody

Product Information

Catalog No.:	CAF50470
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is required for normal development of the barrier function of skin. The encoded protein is thought to control the G1-to-S transition of the cell cycle following DNA damage by mediating the tumor suppressor gene p53. Mice lacking this gene have a normal appearance but lose weight rapidly, and die shortly after birth due to fluid evaporation resulting from compromised epidermal barrier function. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen information

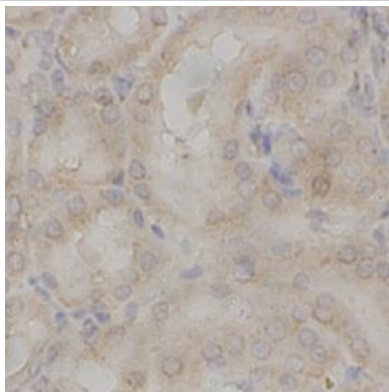
Immunogen:	Kruppel-like factor 4 (gut)
Synonyms:	EZF, GKLF, KLF4
Observed MW:	50 kDa
Uniprot ID :	O43474

Application

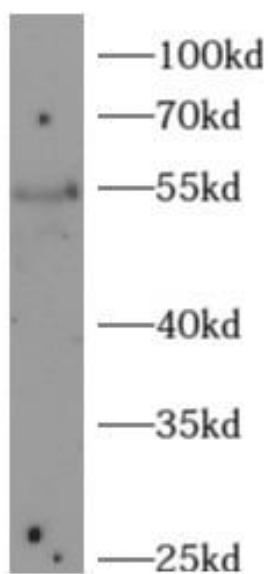
Reactivity:	Human, Rat, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:200 - 1:2000; IHC: 1:50 - 1:200
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded rat kidney using CAF50470(KLF4 antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with CAF50470(KLF4 antibody) at dilution of 1:1000