

Name: Rabbit polyclonal KLF4 Antibody (N-term C74)
Product Data Sheet - ANTIBODY**Catalog: TA324722**

Components:	<ul style="list-style-type: none">• Rabbit polyclonal KLF4 Antibody (N-term C74) (TA324722)• WB positive control also available: 20ug myc-DDK tagged KLF4 HEK293T over-expression lysate lyophilized in RIPA buffer (LC401356). (Reconstitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired)
Amount:	400ul
Immunogen:	This KLF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-101 amino acids from the N-terminal region of human KLF4.
Host:	Rabbit
Isotype:	IgG
Species Reactivity:	Human, Mouse
Guaranteed Applications:	WB, IHC, IF
Suggested Dilutions:	WB: 1:1000, IF: 1:10~50, IHC: 1:10~50
Concentration:	2 mg/ml
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage Condition:	Shipped at -20C or with ice packs. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

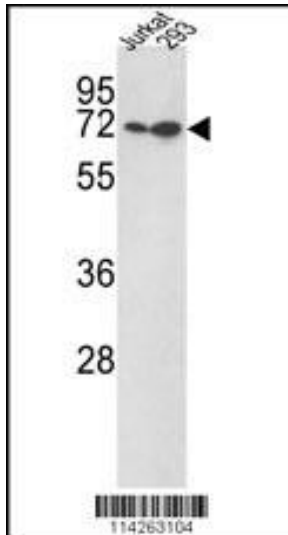
Target

Target Name:	Homo sapiens Kruppel-like factor 4 (gut) (KLF4)
Alternative Name:	EZF; GKLF
Database Link:	NP_004226 Entrez Gene 9314 Human Entrez Gene 16600 Mouse

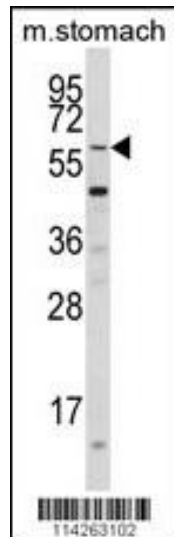
Function:

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

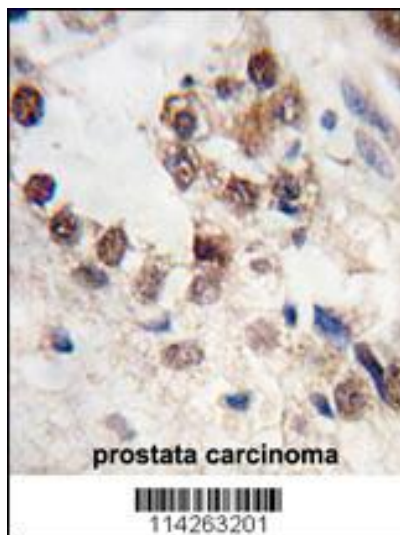
Validation Data



Western blot analysis of KLF4 Antibody (N-term C74) (Cat. #TA324722) in Jurkat,293 cell line lysates (35ug/lane).KLF4 (arrow) was detected using the purified Pab.



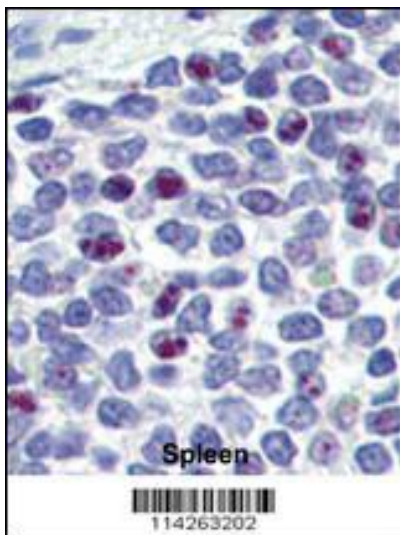
Western blot analysis of KLF4 Antibody (N-term C74) (Cat. #TA324722) in mouse stomach tissue lysates (35ug/lane). KLF4 (arrow) was detected using the purified Pab.



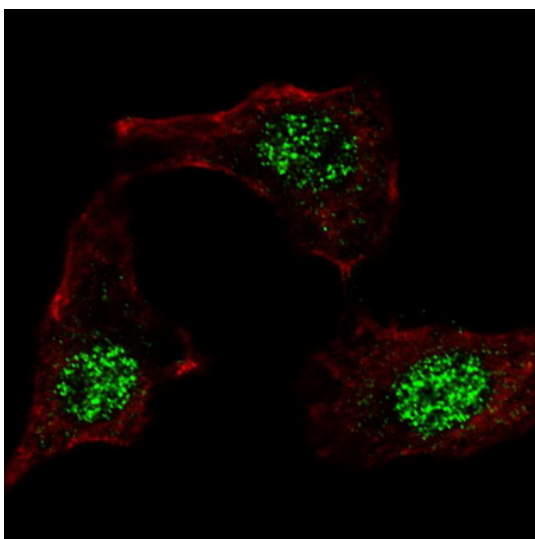
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with KLF4 antibody (N-term C74) (Cat.#TA324722), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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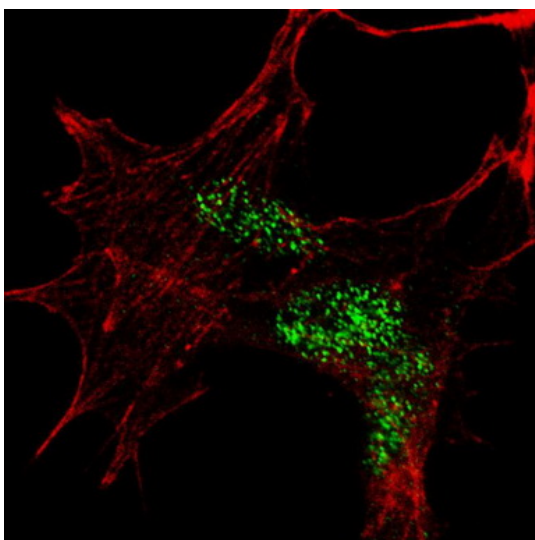
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Formalin-fixed and paraffin-embedded human Spleen tissue reacted with KLF4 antibody (N-term C74) (Cat.#TA324722), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF image of HeLa cells stained with TA324722 KLF4 (N-term C74) antibody. HeLa cells were incubated with TA324722 KLF4 (N-term C74) primary antibody (1:100, 2 h at RT). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin . KLF4 immunoreactivity is localized to the nuclei in HeLa cells.



IF image of SY5Y cells stained with TA324722 KLF4 (N-term C74) antibody. SY5Y cells were incubated with TA324722 KLF4 (N-term C74) primary antibody (1:100, 2 h at RT). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin . KLF4 immunoreactivity is localized to the nuclei in SY5Y cells.

* More validation images may be available on our website: <http://www.origene.com/antibody/TA324722.aspx>

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