

Product datasheet for **TA324722S**

KLF4 Rabbit Polyclonal Antibody

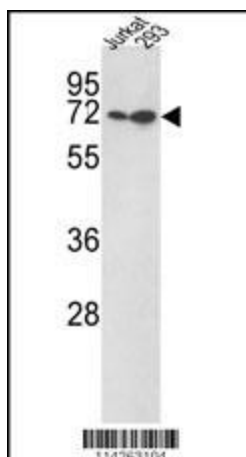
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1:1000, IF: 1:10~50, IHC: 1:10~50
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
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.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54671 Da
Gene Name:	Kruppel-like factor 4 (gut)
Database Link:	NP_004226 Entrez Gene 16600 Mouse Entrez Gene 9314 Human O43474
Synonyms:	EZF; GKLF
Protein Families:	Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors

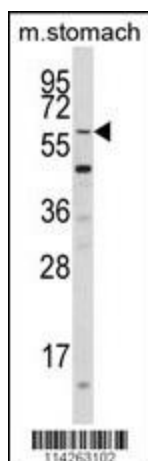


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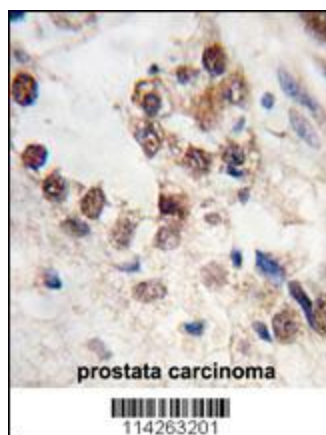
Product images:



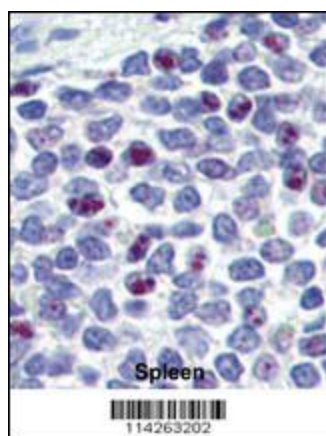
Western blot analysis of KLF4 Antibody (N-term C74) (Cat. #[TA324722]) in Jurkat, 293 cell line lysates (35ug/lane).KLF4 (arrow) was detected using the purified Pab.



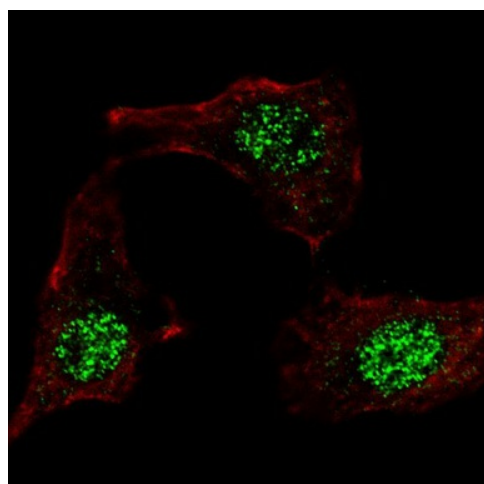
Western blot analysis of KLF4 Antibody (N-term C74) (Cat. #[TA324722]) in mouse stomach tissue lysates (35ug/lane). KLF4 (arrow) was detected using the purified Pab.



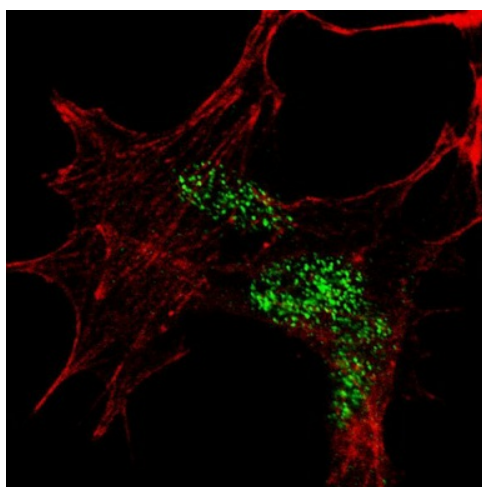
Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with KLF4 antibody (N-term C74) (Cat.#[TA324722]), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance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



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, 1 h). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin. KLF4 immunoreactivity is localized to the nuclei in SY5Y cells.