

## Product Datasheet

# KLF4 Antibody



Catalog No: CY6648

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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### Information

**UniProt ID:** O43474

**All Names:** Krueppel-like factor 4; Epithelial zinc finger protein EZF; Gut-enriched krueppel-like factor; KLF4; EZF; GKLF;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 54 kDa

### Application

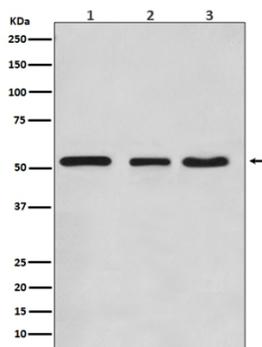
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

### Background

KLF4 is a member of the erythroid Kruppel-like factor (EKLF) multigene family that is highly expressed in the differentiating layers of the epidermis. KLF4 plays a critical role in the differentiation of epithelial cells and is essential for normal gastric homeostasis and function as both a repressor and activator of transcription.



Western blot analysis of KLF4 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) C6 cell lysate.

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