

## Datasheet

### KLF4 polyclonal antibody

**Catalog Number:** PAB2567

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of KLF4.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human KLF4.

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Ammonium sulfate precipitation

**Recommend Usage:** Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 9314

**Gene Symbol:** KLF4

**Gene Alias:** EZF, GKLF

#### References:

1. Kruppel-like factor 4 is essential for inflammatory monocyte differentiation in vivo. Alder JK, Georgantas RW 3rd, Hildreth RL, Kaplan IM, Morisot S, Yu X, McDevitt M, Civin CI. J Immunol. 2008 Apr 15;180(8):5645-52.

2. Regulation of Kruppel-like factor 4, 9, and 13 genes and the steroidogenic genes LDLR, StAR, and CYP11A in ovarian granulosa cells. Natesampillai S, Kerkvliet J, Leung PC, Veldhuis JD. Am J Physiol Endocrinol Metab. 2008 Feb;294(2):E385-91. Epub 2007 Dec 4.

3. Kruppel-like factor 4 is acetylated by p300 and regulates gene transcription via modulation of histone acetylation. Evans PM, Zhang W, Chen X, Yang J, Bhakat KK, Liu C. J Biol Chem. 2007 Nov 23;282(47):33994-4002. Epub 2007 Oct 1.