

KLF17 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5507b

Product Information

Application	WB, FC, E
Primary Accession	Q5JT82
Other Accession	NP_775755.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42577
Antigen Region	243-271

Additional Information

Gene ID	128209
Other Names	Krueppel-like factor 17, Zinc finger protein 393, KLF17, ZNF393
Target/Specificity	This KLF17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids of human KLF17.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KLF17 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KLF17
Synonyms	ZNF393
Function	Transcription repressor that binds to the promoter of target genes and prevents their expression. Acts as a negative regulator of epithelial-mesenchymal transition and metastasis in breast cancer. Specifically binds the 5'-CACCC-3' sequence in the promoter of ID1, a key

metastasis regulator in breast cancer, and repress its expression. May be a germ cell-specific transcription factor that plays important roles in spermatid differentiation and oocyte development (By similarity).

Cellular Location

Nucleus.

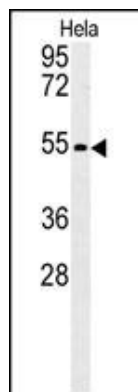
Background

KLF17 binds G/C-rich sites via its zinc fingers and activates transcription from CACCC-box elements. It may be a germ cell-specific transcription factor that plays important roles in spermatid differentiation and oocyte development.

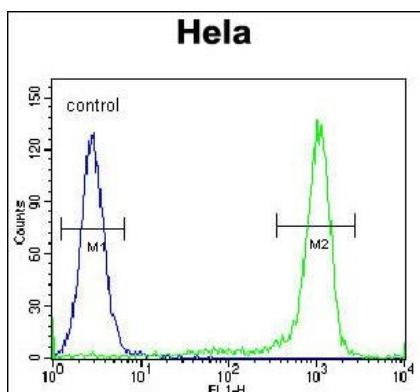
References

Gumireddy, K., et al. Nat. Cell Biol. 11(11):1297-1304(2009) van Vliet, J., et al. Genomics 87(4):474-482(2006) Yan, W., et al. Mech. Dev. 118 (1-2), 233-239 (2002)

Images



KLF17 Antibody (C-term) (Cat.#AP5507b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the KLF17 antibody detected the KLF17 protein (arrow).



KLF17 Antibody (C-term) (Cat. #AP5507b) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- [Reduced expression of Krüppel-like factor 17 is related to tumor growth and poor prognosis in lung adenocarcinoma.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.