10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

KLF17 Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS17119

Specification

KLF17 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q5JT82
Other Accession	128209
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42577**

KLF17 Antibody (C-Terminus) - Additional Information

Gene ID 128209

Other Names
KLF17, Kruppel-like factor 17, Novel zinc-finger protein, Zfp393, ZNF393, RP4-675G8.1, Zinc finger protein 393, Krueppel-like factor 17

Target/Specificity
KLF17 antibody is human, mouse and rat reactive. At least two isoforms of KLF17 are known to exist; this antibody will only detect the large isoform. KLF17 antibody is predicted to not cross-react with other KLF proteins.

Reconstitution & Storage
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
KLF17 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

KLF17 Antibody (C-Terminus) - 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

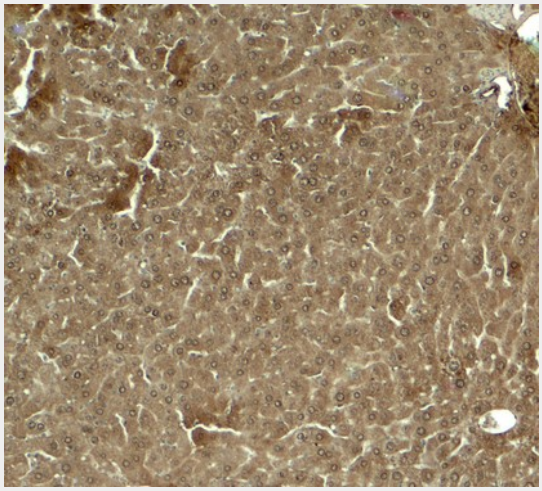
Nucleus.

KLF17 Antibody (C-Terminus) - Protocols

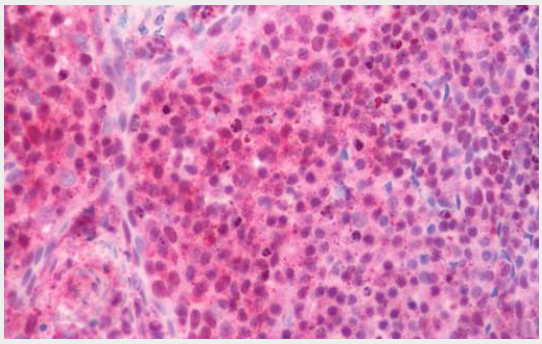
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLF17 Antibody (C-Terminus) - Images

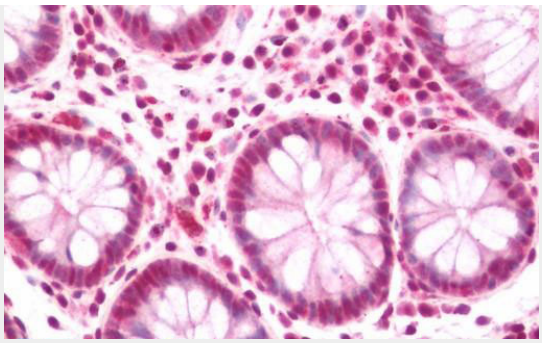


Immunohistochemistry of KLF17 in mouse liver tissue with KLG17 antibody at 5 ug/ml.



Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

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Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)

KLF17 Antibody (C-Terminus) - Background

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).

KLF17 Antibody (C-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
van Vliet J.,et al.Genomics 87:474-482(2006).