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Mouse Klf4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21583b

Specification

Mouse Klf4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q60793
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**51880**

Mouse Klf4 Antibody (C-term) - Additional Information

Gene ID 16600

Other Names
Krueppel-like factor 4, Epithelial zinc finger protein EZF, Gut-enriched krueppel-like factor, Klf4, Ezf, Gklf, Zie

Target/Specificity
This Mouse Klf4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 378-410 amino acids from the C-terminal region of Mouse Klf4.

Dilution
WB~~1:1000
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
Mouse Klf4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Klf4 Antibody (C-term) - Protein Information

Name Klf4

Synonyms Ezf, Gklf, Zie

Function Transcription factor; can act both as activator and as repressor. Binds the 5'-CACCC-3' core sequence (PubMed:10431239, PubMed:10556311, PubMed:15358627, PubMed:16954384, PubMed:17060454, PubMed:19816951, PubMed:20071344, PubMed:29593216). Binds to the promoter region of its own gene and can activate its own transcription (PubMed:10431239, PubMed:10556311, PubMed:15358627, PubMed:16954384, PubMed:17060454, PubMed:19816951, PubMed:20071344, PubMed:29593216). Regulates the expression of key transcription factors during embryonic development (PubMed:10431239, PubMed:10556311, PubMed:15358627, PubMed:16954384, PubMed:17060454, PubMed:19816951, PubMed:20071344, PubMed:29593216). Plays an important role in maintaining embryonic stem cells, and in preventing their differentiation (PubMed:10431239, PubMed:10556311, PubMed:15358627, PubMed:16954384, PubMed:17060454, PubMed:19816951, PubMed:20071344, PubMed:29593216). Required for establishing the barrier function of the skin and for postnatal maturation and maintenance of the ocular surface. Involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. Contributes to the down-regulation of p53/TP53 transcription (By similarity).

Cellular Location
Nucleus. Cytoplasm

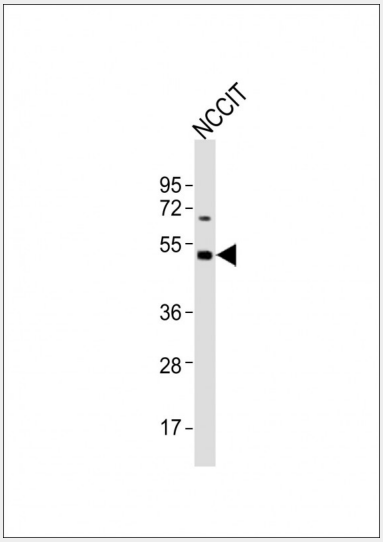
Tissue Location
Highest expression in the colon. Lower levels in testis, lung and small intestine

Mouse Klf4 Antibody (C-term) - 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

Mouse Klf4 Antibody (C-term) - Images



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Anti-Klf4 Antibody (C-term)at 1:1000 dilution + NCCIT whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Mouse Klf4 Antibody (C-term) - Background

Transcription factor; can act both as activator and as repressor. Binds the 5'-CACCC-3' core sequence. Binds to the promoter region of its own gene and can activate its own transcription. Regulates the expression of key transcription factors during embryonic development. Plays an important role in maintaining embryonic stem cells, and in preventing their differentiation. Required for establishing the barrier function of the skin and for postnatal maturation and maintenance of the ocular surface. Involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. Contributes to the down-regulation of p53/TP53 transcription (By similarity).

Mouse Klf4 Antibody (C-term) - References

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