

KLF4 antibody

Rabbit Polyclonal Antibody Catalog # ABV10066

Specification

KLF4 antibody - Product Information

Application Primary Accession Reactivity Host Clonality

Isotype

WB
O923V7
Human, Mouse, Rat
Rabbit
Polyclonal
Rabbit IgG

KLF4 antibody - Additional Information

Positive Control Application & Usage Mouses 3T3 cell lysate Western Blot analysis (1 μ g/ml). However, the optimal concentrations should be determined individually. Blocking peptide is available separately.

Other Names

KLF4

Target/Specificity

KLF4

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

 $200~\mu g$ (0.5 mg/ml) affinity purified rabbit anti-KLF4 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

KLF4 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

KLF4 antibody - Protein Information

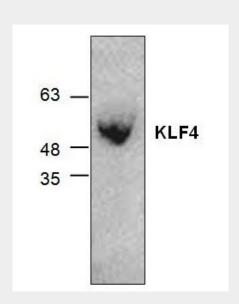


KLF4 antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLF4 antibody - Images



Western blot analysis of KLF4 using mouse 3T3 cell lysate

KLF4 antibody - Background

KLF4 belongs to the erythroid Kruppel-like factor (EKLF) family that is involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. KLF4 can act as both a repressor and activator of transcription. KLF4 regulates the expression of key transcription factors during embryonic development and is important in maintaining embryonic stem cells. It also contributes to the down-regulation of p53/TP53 transcription.