

KLF4 polyclonal antibody

Catalog: BS8318

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is required for normal development of the barrier function of skin. The encoded protein is thought to control the G1-to-S transition of the cell cycle following DNA damage by mediating the tumor suppressor gene p53. Mice lacking this gene have a normal appearance but lose weight rapidly, and die shortly after birth due to fluid evaporation resulting from compromised epidermal barrier function. Alternative splicing results in multiple transcript variants encoding different isoforms.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

60kDa

Swiss-Prot:

O43474

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

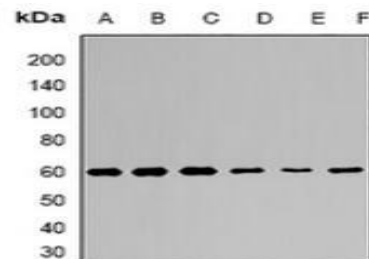
WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200

Storage&Stability:

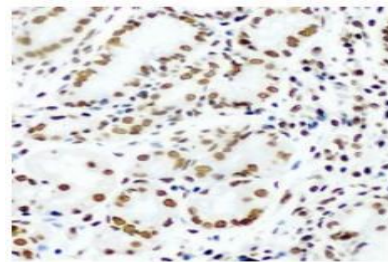
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

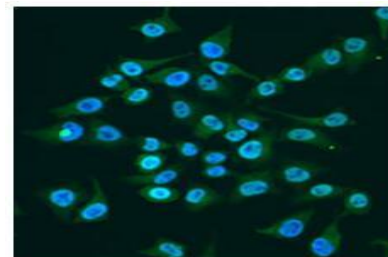
KLF4 polyclonal antibody detects endogenous levels of KLF4 protein.

DATA:

Western blot analysis of KLF4 expression in HeLa (A), BT474 (B), NIH3T3 (C), mouse brain (D), mouse spleen (E), rat testis (F) whole cell lysates.



Immunohistochemical analysis of KLF4 staining in human stomach cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of KLF4 staining in U2OS cells.

Note:

For research use only, not for use in diagnostic procedure.

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