KLF4 Polyclonal Antibody

catalog number: **E-AB-62304**

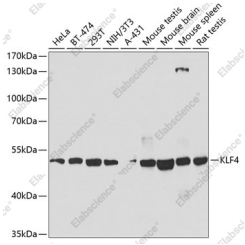
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human KLF4 (NP_004226.3).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

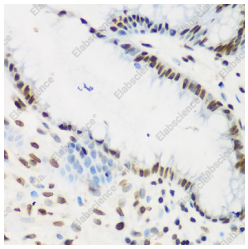
Data



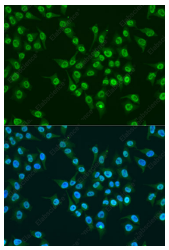
Western blot analysis of extracts of various cell lines using KLF4 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:50 kDa

Calculated-MW:6 kDa/12 kDa/45 kDa/51 kDa/54 kDa



Immunohistochemistry of paraffin-embedded Human stomach cancer using KLF4 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of U2OS cells using KLF4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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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.

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