A29498

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KLF2 Rabbit mAb

Catalog No.: A29498 Recombinant

Basic Information

Observed MW
42 kDa

Calculated MW
37 kDa

Category
Monoclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human

Background

This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is expressed early in mammalian development and is found in many different cell types. The protein acts to bind the CACCC box found in the promoter of target genes to activate their transcription. It plays a role in many processes during development and disease including adipogenesis, embryonic erythropoiesis, epithelial integrity, inflammation and t-cell viability.

Recommended Dilutions

WB	1:5000 - 1:20000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) , a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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Immunogen Information

Gene ID
10365

Swiss Prot
Q9Y5W3

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Product Information

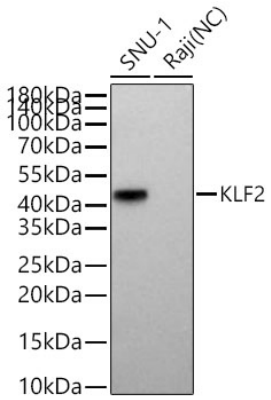
Source
Rabbit

Isotype
IgG

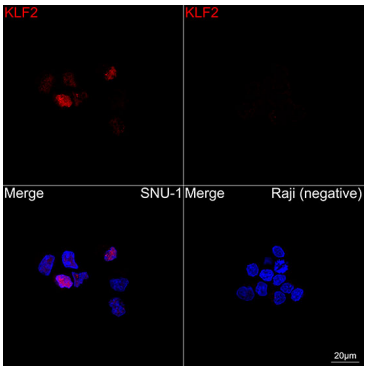
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using KLF2 Rabbit mAb (A29498) at 1:10000 dilution incubated overnight at 4℃.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit (RM00020).|Negative control (NC): Raji.|Exposure time: 5 s.



Confocal imaging of SNU-1 cells and Raji cells (negative) using KLF2 Rabbit mAb (A29498, dilution 1:50) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

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