

WIF1 Rabbit mAb

Catalog No.: A24119 **Recombinant**

Basic Information

Observed MW

41kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC63858

Background

The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers.

Recommended Dilutions

WB	1:2000 - 1:8000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

11197

Swiss Prot

Q9Y5W5

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-379 of human WIF1 (NP_009122.2).

Synonyms

WIF-1; WIF1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

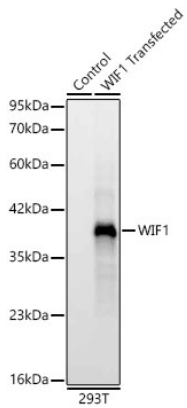
Affinity purification

Storage

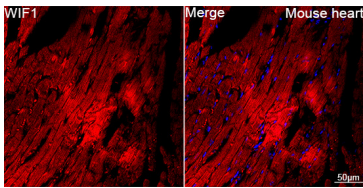
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with WIF1 using WIF1 Rabbit mAb (A24119) at 1:7000 dilution.
Secondary antibody:HRP 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): 293T.
Exposure time: 10s.



Confocal imaging of paraffin-embedded Mouse heart using WIF1 Rabbit mAb (A24119,dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.