Leader in Biomolecular Solutions for Life Science

www.abclonal.com

[KO Validated] MKL1 Rabbit mAb

Catalog No.: A28574 KO Validated Recombinant

Basic Information

Observed MW
145 kDa

Calculated MW
99 kDa

Category
Primary antibody

Applications
WB,IP,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC78147

Conjugate
Unmodified

Background

The protein encoded by this gene interacts with the transcription factor myocardin, a key regulator of smooth muscle cell differentiation. The encoded protein is predominantly nuclear and may help transduce signals from the cytoskeleton to the nucleus. This gene is involved in a specific translocation event that creates a fusion of this gene and the RNA-binding motif protein-15 gene. This translocation has been associated with acute megakaryocytic leukemia. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:6000 - 1:50000
IP	0.5 μg - 4 μg antibody for 800 μg - 1200 μg extracts of whole cells
IHC-P	1:200 - 1:800
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)

Immunogen Information

Gene ID
57591

Swiss Prot
Q969V6

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
MAL; MKL; BSAC; MKL1; MRTF-A

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

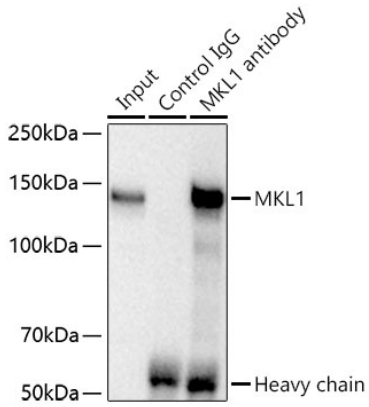
Contact

400-999-6126

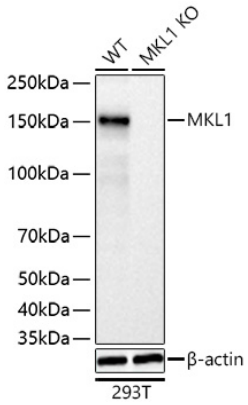
cn.market@abclonal.com.cn

www.abclonal.com.cn

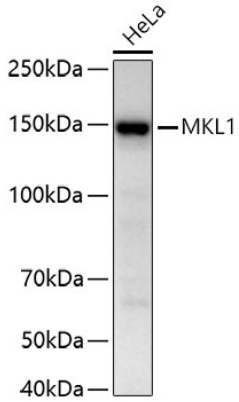
Validation Data



Immunoprecipitation of MKL1 from 1000 µg extracts of 293T cells was performed using 2 µg of [KO Validated] MKL1 Rabbit mAb (A28574). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KO Validated] MKL1 Rabbit mAb (A28574) at a dilution of 1:10000.

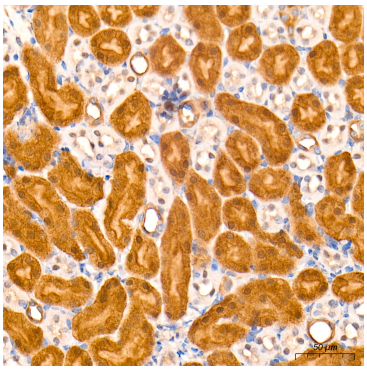


Western blot analysis of lysates from wild type (WT) and MKL1 knockout (KO) 293T cells using [KO Validated] MKL1 Rabbit mAb (A28574) at 1:10000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.

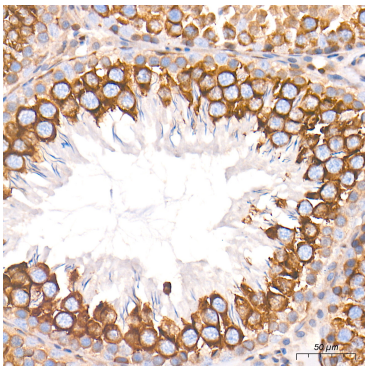


Western blot analysis of lysates from HeLa cells using [KO Validated] MKL1 Rabbit mAb (A28574) at 1:50000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using [KO Validated] MKL1 Rabbit mAb (A28574) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] MKL1 Rabbit mAb (A28574) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.