SMURF2 Rabbit mAb

Catalog No.: A2278 Recombinant 7 Publications



Basic Information

Observed MW

86kDa

Calculated MW

86kDa

Category

Primary antibody

Applications

WB,IHC-P,IP,ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC1897

Background

Enables SMAD binding activity; identical protein binding activity; and ubiquitin-protein transferase activity. Involved in negative regulation of transforming growth factor beta receptor signaling pathway; positive regulation of trophoblast cell migration; and ubiquitin-dependent SMAD protein catabolic process. Located in nuclear speck. Part of ubiquitin ligase complex.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:400

200μg-400μg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene IDSwiss Prot
64750
Q9HAU4

Immunogen

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

Synonyms

SMURF2; E3 ubiquitin-protein ligase SMURF2

Contact

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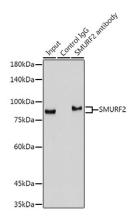
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

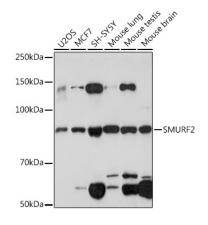
Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 300 μ g extracts of Mouse lung using 3 μ g SMURF2 antibody (A2278). Western blot was performed from the immunoprecipitate using SMURF2 antibody (A2278) at a dilution of 1:1000.

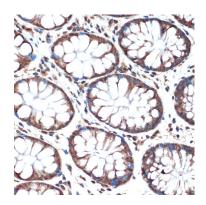


Western blot analysis of various lysates using SMURF2 Rabbit mAb (A2278) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).

Exposure time: 3min.



Immunohistochemistry analysis of paraffinembedded Human colon using SMURF2 Rabbit mAb (A2278) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.