SMTN Rabbit pAb

Catalog No.: A6745 1 Publications



Basic Information

Observed MW

117kDa

Calculated MW

99kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a structural protein that is found exclusively in contractile smooth muscle cells. It associates with stress fibers and constitutes part of the cytoskeleton. This gene is localized to chromosome 22q12.3, distal to the TUPLE1 locus and outside the DiGeorge syndrome deletion. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot6525
P53814

Immunogen

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

Synonyms

SMTN

Contact

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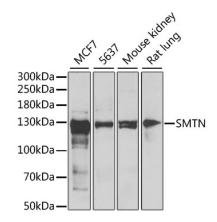
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

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



Western blot analysis of various lysates using SMTN Rabbit pAb (A6745) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

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

Exposure time: 5min.