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Datasheet for ABIN6148152
anti-SMS antibody (AA 1-366)

1 Image

Overview

| | |
|----------------------|------------------------------------|
| Quantity: | 100 µL |
| Target: | SMS |
| Binding Specificity: | AA 1-366 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SMS antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-366 of human SMS (NP_004586.2). |
| Sequence: | MAAARHSTLD FMLGAKADGE TILKGLQSIF QEQGMAESVH TWQDHGYLAT YTNKNGSFAN LRIYPHGLVL LDLQSYDGDGDA QGKEEIDSIL NKVEERMKEL SQDSTGRVKR LPPIVRGGAI DRYWPTADGR LVEYDIDEVV YDEDSPYQNI KILHSKQFGN ILILSGDVNL AESDLAYTRA IMGSGKEDYT GKDVLLGGG DGGILCEIVK LKPKMVTMVE IDQMVIDGCK KYMRKTCGDV LDNLKGDCYQ VLIEDCIPVL KRYAKEGREF DYVINDLTAV PISTSPEEDS TWEFLRLILD LSMKVLKQDG KYFTQGNCVN LTEALSLYEE QLGRLYCPVE FSKEIVCVPS YLELWVFYTV WKKAKP |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |

Product Details

Characteristics: Polyclonal Antibodies

Target Details

Target: SMS

Alternative Name: SMS ([SMS Products](#))

Background: This gene encodes a protein belonging to the spermidine/spermin synthase family. Pseudogenes of this gene are located on chromosomes 1, 5, 6 and X. Mutations in this gene are associated with X-linked Snyder-Robinson mental retardation syndrome. Multiple transcript variants encoding different isoforms have been found for this gene.,SMS,MRSR,SPMSY,SRS,SpS,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Amino acid metabolism,SMS

Molecular Weight: 35 kDa/41 kDa

Gene ID: 6611

UniProt: [P52788](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

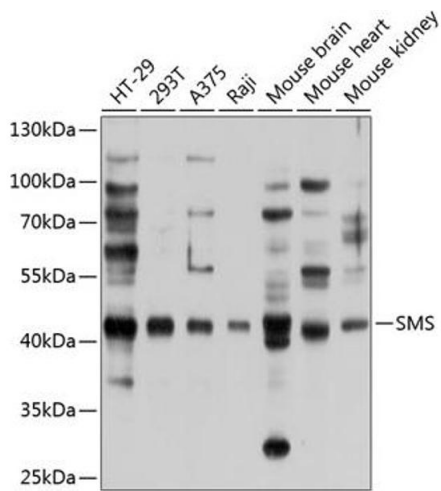
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SMS antibody (ABIN6133461, ABIN6148152, ABIN6148153 and ABIN6224911) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.