



Anti-SMTN (aa 1-100) polyclonal antibody (CPBT-57422RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Rabbit Polyclonal antibody to Human SMTN. |
| Antigen Description | 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. |
| Immunogen | Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human Smoothelin. (Immunogen available as DAG-P1953) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Cellular Localization | Cytoplasmic |
| Format | Liquid |
| Size | 100 µg |
| Buffer | Preservative: 0.02% Sodium AzideConstituents: 1% BSA, PBS, pH 7.4 |

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| Preservative | 0.02% Sodium Azide |
| Storage | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | SMTN smoothelin [Homo sapiens] |
| Official Symbol | SMTN |
| Synonyms | SMTN; smoothelin; FLJ35365; FLJ38597; smoothelin; SMSMO; SMTN; OTTHUMP00000199381; OTTHUMP00000199382; OTTHUMP00000199383; |
| Entrez Gene ID | 6525 |
| Protein Refseq | NP_008863 |
| UniProt ID | A0A087X1R1 |
| Chromosome Location | 22q12 |
| Function | actin binding; structural constituent of muscle; |