

# MTUS1 Rabbit Polyclonal Antibody

Catalog No: #53601

Package Size: #53601-1 50ul #53601-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

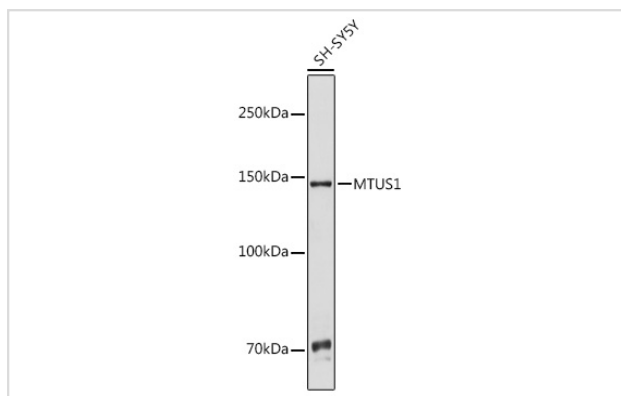
## Description

|                       |  |
|-----------------------|--|
| Product Name          | MTUS1 Rabbit Polyclonal Antibody                         |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification                                    |
| Applications          | WB   |
| Species Reactivity    | Human  |
| Immunogen Description | Recombinant fusion protein of human MTUS1 (NP_065800.1). |
| Other Names           | MTUS1;ATBP;ATIP;ATIP3;ICIS;MP44;MTSG1                    |
| Accession No.         | Uniprot:Q9ULD2GeneID:57509                               |
| Calculated MW         | 39kDa/48kDa/50kDa/58kDa/84kDa/135kDa/141kDa              |
| SDS-PAGE MW           | 141kDa   |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.          |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.              |

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of SH-SY5Y cells, using MTUS1 antibody.

## Background

This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.