

## GRTP1 Antibody

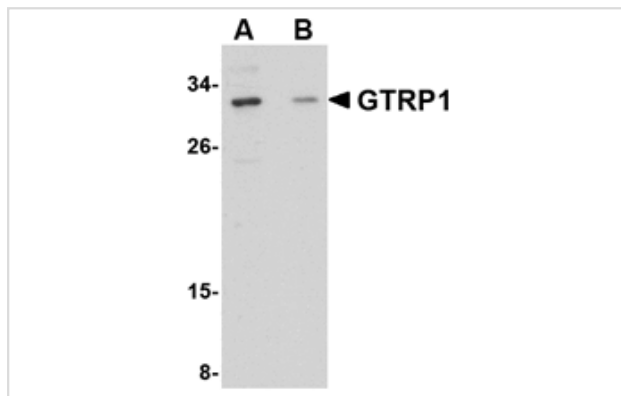
Catalog No: #24677

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

## Description

|                       |   |
|-----------------------|---|
| Product Name          | GRTP1 Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Affinity chromatography purified via peptide column   |
| Applications          | E WB  |
| Species Reactivity    | Hu Ms Rt  |
| Specificity           | At least three isoforms of GRTP1 are known to exist; this antibody should recognize all isoforms.   |
| Immunogen Type        | Peptide   |
| Immunogen Description | Raised against a 16 amino acid peptide from near the center of human GRTP1.   |
| Target Name           | GRTP1   |
| Other Names           | Growth hormone regulated TBC protein 1, TBC1 domain family member 6   |
| Accession No.         | EAX09206  |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.  |
| Storage               | Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

## Images



Western blot analysis of GRTP1 in SK-N-SH cell lysate with GRTP1 antibody at 1 ug/mL in the (A) absence and (B) presence of blocking peptide.

## Background

Growth hormone regulated TBC protein 1 (GRTP1) was identified through microarray analysis as a gene whose expression is regulated by growth hormone (GH). It contains the TBC signature motif of GTPase activator proteins of Rab-like small GTPases. GRTP1 mRNA is expressed at highest levels in testes, and is also present in kidney, lung, liver, and intestine. Administration of GH to mice resulted in an increase in GRTP1 mRNA in testes, but a decrease of GRTP1 mRNA in kidney and liver. GRTP1 was identified as an HIV dependency factor (HDF), suggesting that GRTP1 may be an important drug target in HIV treatment.

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