

[Go to Product page](#)

Datasheet for ABIN6990899
anti-GRTP1 antibody (AA 80-130)

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 0.1 mg |
| Target: | GRTP1 |
| Binding Specificity: | AA 80-130 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GRTP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|---------------|---|
| Immunogen: | GRTP1 antibody was raised against a 16 amino acid synthetic peptide from near the center of human GRTP1. The immunogen is located within amino acids 80 - 130 of GRTP1. |
| Isotype: | IgG |
| Specificity: | At least three isoforms of GRTP1 are known to exist, this antibody should recognize all isoforms. |
| Purification: | GRTP1 Antibody is affinity chromatography purified via peptide column. |

Target Details

| | |
|-------------------|--|
| Target: | GRTP1 |
| Alternative Name: | GRTP1 (GRTP1 Products) |

Target Details

| | |
|-------------|---|
| Background: | GRTP1 Antibody: 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. |
| Gene ID: | 79774 |
| UniProt: | Q5TC63 |

Application Details

| | |
|--------------------|--|
| Application Notes: | GRTP1 antibody can be used for detection of GRTP1 by Western blot at 1 µg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | GRTP1 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| 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, 4 °C |
| Storage Comment: | GRTP1 antibody can be stored at 4°C for three months and -20°C, stable for up to 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. |