



Rabbit Anti-GRTP1 antibody

SL20064R

Product Name:	GRTP1
Chinese Name:	生长激素调节TBC蛋白1抗体
Alias:	FLJ22474; Growth hormone-regulated TBC protein 1; Grtp1; GRTP1_HUMAN; MGC138328; MGC138330; OTTHUMP00000018752; TBC1 domain family member 6; TBC1 domain family, member 6; TBC1D6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	39kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GRTP1:231-336/336
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	GRTP1 is a 336 amino acid protein with expression modulated by growth hormone. The TBC1 domain of GRTP1 is a region that is notably conserved among GTPase-activating proteins, which characteristically play a role in the cell cycle and mitosis coordination. Interestingly, expression of GRTP1 is significantly upregulated in post-puberty testis and then maintained in the adult, suggesting that the germ cell may be the

major site of GRTP1 function. There are two isoforms of GRTP1, which are a result of alternative splicing events.

Function:

May act as a GTPase-activating protein for Rab family protein(s).

Similarity:

Contains 1 Rab-GAP TBC domain.

SWISS:

Q5TC63

Gene ID:

79774

Database links:

[Entrez Gene: 79774](#) Human

[Entrez Gene: 66790](#) Mouse

[Entrez Gene: 361180](#) Rat

[SwissProt: Q5TC63](#) Human

[SwissProt: Q9D3N8](#) Mouse

[SwissProt: Q4QQU7](#) Rat

[Unigene: 170904](#) Human

[Unigene: 34901](#) Mouse

[Unigene: 19589](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.