



Rabbit Anti-RHOBTB1 antibody

SL6092R

Product Name:	RHOBTB1
Chinese Name:	Rho相关结构域BTB蛋白质1抗体
Alias:	Rho related BTB domain containing 1; Rho related BTB domain containing protein 1; RHBT1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	79kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RHOBTB1:151-250/696
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:	RHOBTB1 is a member of the Rho family of the small GTPase superfamily. Is made of a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. Plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system.
	Tissue Specificity:

Ubiquitous, with highest levels in skeletal muscle, placenta, testis, stomach, and kidney, followed by uterus and adrenal gland. Expressed in a variety of fetal tissues.

Similarity:

Belongs to the small GTPase superfamily. Rho family.
Contains 2 BTB (POZ) domains.

SWISS:

O94844

Gene ID:

9886

Database links:

[Entrez Gene: 9886](#)Human

[Entrez Gene: 69288](#)Mouse

[Entrez Gene: 309722](#)Rat

[Omim: 607351](#)Human

[SwissProt: O94844](#)Human

[SwissProt: Q9DAK3](#)Mouse

[Unigene: 710414](#)Human

[Unigene: 737374](#)Human

[Unigene: 26659](#)Mouse

[Unigene: 3782](#)Rat

Important Note:

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