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RHOBTB1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58374

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O94844
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79417
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RHOBTB1
Epitope Specificity	151-250/696
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the small GTPase superfamily. Rho family. Contains 2 BTB (POZ) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	9886
Other Names	Rho-related BTB domain-containing protein 1, RHOBTB1, KIAA0740
Target/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.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	RHOBTB1
Synonyms	KIAA0740
Tissue Location	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