

For Research Use Only

RHOH Polyclonal antibody, PBS Only

Catalog Number: 27263-1-PBS



Basic Information

Catalog Number: 27263-1-PBS	GenBank Accession Number: BC014261	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 399	
Isotype: IgG	UNIPROT ID: Q15669	
Immunogen Catalog Number: AG26127	Full Name: ras homolog gene family, member H	
	Calculated MW: 191 aa, 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

RHOH is also named ARHH and TTF. RHOH is a member of the RHO GTPase family, which orchestrates a wide range of cellular processes, such as cytoskeletal reorganization, vesicle trafficking, cell cycle, cell polarity, and cell migration (PMID: 33547421, PMID: 29233866). Unlike typical RHO GTPases that undergo cycling between inactive GDP-bound and active GTP-bound conformation, RHOH lacks intrinsic GTPase activity and remains in a constitutively GTP-bound form (PMID: 11809807). RHOH exhibits high expression in T cells and plays crucial roles in T cell development, activation and differentiation, and undergoes degradation in lysosomes following TCR stimulation (PMID: 17119112, PMID: 30339851, PMID: 19950172). RhoH has been found to regulate proliferation, survival, migration and engraftment of hematopoietic progenitor cells (HPCs), IL-3 signaling in a B cell line, Fc ϵ RI-dependent signal transduction in mast cells, and differentiation in eosinophils (PMID: 36108062).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

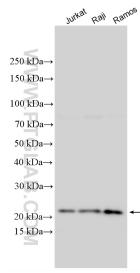
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27263-1-AP (RHOH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27263-1-PBS in a different storage buffer formulation.