

GPR65 Polyclonal Antibody

Catalog NumberPA5-26510

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 238-267 amino acids from the C-terminal region of human GPR65	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

GPR65 also known as TDAG8 is a transmembrane protein belonging to the G protein coupled receptor super family with 337-amino acid and 90% similarity and 81% identity in the 7 transmembrane domains of its mouse homolog. It has 3 potential N-linked glycosylation sites and is expressed predominantly in lymphoid organs and cancer tissues with increased expression during activation-induced death of T-cell hybridomas. Two major transcripts of 4.5 kb and 1.8 kb are found in peripheral blood leukocytes and functions as a novel proton-sensing receptor. It couples to adenylyl cyclase and psychosine and is also actively involved in the establishment of immunological autotolerance. GPR65 has a role in cellular transformation by RhoA activation and actin rearrangement under conditions accompanying tissue acidosis.

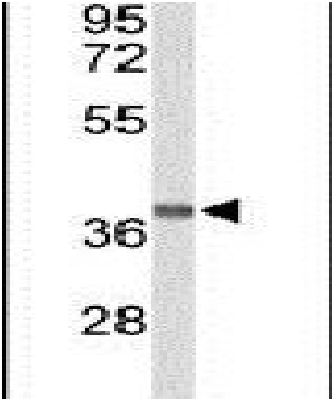
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Product Images For GPR65 Polyclonal Antibody



GPR65 Antibody (PA5-26510) in WB
Western blot analysis using a GPR65 polyclonal antibody (Product # PA5-26510) in HeLa cell lysates (35ug per lane).

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