For Research Use Only

## TOR1A Polyclonal antibody

Catalog Number:51150-1-AP



Basic Information	Catalog Number: 51150-1-AP	GenBank Accession Number: BC000674	Purification Method: Antigen affinity purification
	Size: N/A	GenelD (NCBI): 1861	
	Source:UNIPROT ID:Rabbit014656Isotype:Full Name:IgGtorsin family 1, member A (torsin A)		
			nA)
	Immunogen Catalog Number: AG0506	Calculated MW: 38 kDa	
Applications	Tested Applications: ELISA		
	Species Specificity: human		
Background Information	TOR1A (torsin A), also known as DYT1, is a member of AAA+ family of ATPases that mediate chaperone and other functions involved in conformational modeling of proteins, protection from stress, and targeting of proteins to cellular organelles. TOR1A is a 37 kDa ATP binding protein highly expressed in hippocampus, spinal cord, kidney and liver. TOR1A primarily localizes to the ER while exposure to oxidative stress causes the redistribution to cell surface protrusions. Mutations in gene encoding TOR1A cause the most severe form of hereditary dystonia, termed early onset, generalized dystonia. Interestingly, Lewy bodies of PD patients were intensely immunoreactive for torsinA.		
Storage	Storage: Store at -20°C. Storage Buffer: PBS with 0.02% sodium azide and	50% glycerol pH 7.3.	
	Aliquoting is unnecessary for -20 $^{\circ}$	C storage	

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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