For Research Use Only

STMN4 Polyclonal antibody Catalog Number:12027-1-AP 3 Publications

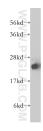


Basic Information	Catalog Number: 12027-1-AP	GenBank Accession Number: BC011520	Purification Method: Antigen affinity purification			
	Size: 150ul, Concentration: 750 ug/ml by Nanodrop and 413 ug/ml by Bradford method using BSA as the standard; Source: Rabbit	GenelD (NCBI):	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500			
		81551 UNIPROT ID: Q9H169 Full Name: stathmin-like 4				
				lsotype: IgG	Calculated MW: 216 aa, 25 kDa	
				Immunogen Catalog Number: AG2657	Observed MW: 22-30 kDa	
	Applications	Tested Applications:	Positive (Positive Controls:		
		WB, IP, IHC, ELISA Cited Applications:	WB : human brain tissue, rat brain tissue			
WB, IF			e brain tissue,			
Species Specificity: human, mouse, rat		IHC : hum	an gliomas tissue, human brain tissue			
Cited Species: mouse						
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0						
Background Information	possessing a unique N-terminal mem which promotes microtubule (MT) cat phosphoprotein, preferentially expre- intracellular signaling pathways. RB3 expression of transfected RB3 could in differentiation. Moreover, increased f	brane-associated domain and the astrophe and/or tubulin sequester ssed in the nervous system, and do s is consistently up-regulated in di nduce differentiation, suggesting a RB3 is a unique response protein ir be a critical target for neurodegen iProt). Another 30 kDa isoform car	n the stathmin-related proteins following erative diseases. STMN4 has 4 isoforms wit			
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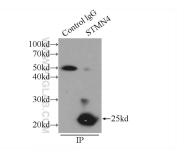
Selected Validation Data



Immunohistochemical analysis of paraffinembedded human gliomas tissue slide using 12027-1-AP (STMN4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human brain tissue were subjected to SDS PAGE followed by western blot with 12027-1-AP (STMN4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-STMN4 (IP:12027-1-AP, 3ug: Detection:12027-1-AP 1:1000) with mouse brain tissue lysate 6000ug.