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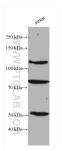
## MTUS1 Polyclonal antibody Catalog Number:13436-1-AP Featured Product 4

Featured Product 4 Publications

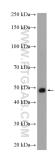


Basic Information	Catalog Number: 13436-1-AP	GenBank Accession Number: BC033842	Purification Method: Antigen affinity purification	
	Size:	GenelD (NCBI):	Recommended Dilutions:	
	150ul , Concentration: 850 ug/ml by	57509	WB 1:500-1:1000	
	Nanodrop and 330 ug/ml by Bradford method using BSA as the standard;	UNIPROT ID: Q9ULD2	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate	
	Source: Rabbit	Full Name: mitochondrial tumor suppres	IHC 1:300-1:1200 IF/ICC 1:20-1:200 ssor 1	
	lsotype: IgG	Calculated MW: 51 kDa, 141 kDa		
	Immunogen Catalog Number:Observed MW:AG424240-48 kDa, 80 kDa, 110-120280 kDa		kDa, 270-	
Applications	Tested Applications: WB, IHC, IF/ICC, IP, ELISA		Positive Controls:	
	Cited Applications:		Jurkat cells, K-562 cells, human brain tissue, se brain tissue	
	WB, CoIP, IF	IP:m	ouse brain tissue,	
	Species Specificity: human, mouse, rat		human breast cancer tissue, human thyroid er tissue	
	Cited Species: human, mouse	IF/IC	C : PC-3 cells,	
	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	AGTR2 to inhibit ERK2 activation and Together with PTPN6, induces UBE2V cell proliferation, delays the progress regulation during cellular transition f suppressor gene located at chromoso intracellular localization, MTUS1 also common to all ATIP members is the p hetero-dimerization of these proteins	cell proliferation. MTUS1 may 2 expression upon angiotensi sion of mitosis by prolonging i from proliferation to quiescen me 8p21.3.22, near marker D8 o named as mitochondrial turr presence of a large C-terminal 5. (PMID:12692079, 15123706)	n-II stimulation. Isoform 1 inhibits breast cance metaphase and reduces tumor growth. MTUS1 u ce and differentiation. It is a potential tumor 85254. According to the functional data and	
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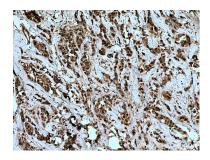
## Selected Validation Data



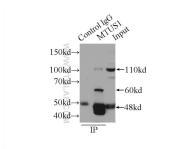
Jurkat lysates were subjected to SDS PAGE followed by western blot with 13436-1-AP (MTUS1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



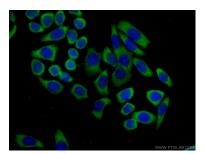
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13436-1-AP (MTUS1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 13436-1-AP (MTUS1 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MTUS1 (IP:13436-1-AP, 4ug; Detection:13436-1-AP 1:500) with mouse brain tissue lysate 6000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using 13436-1-AP (MTUS1 antibody) at dilution of 1:50 and Alexa Fluor 488conjugated Goat Anti-Rabbit IgG(H+L).