

For Research Use Only

FOXO6 Polyclonal antibody

Catalog Number: 19122-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number: 19122-1-AP	GenBank Accession Number: AI361654	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 100132074	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:250-1:1000
Source: Rabbit	Full Name: forkhead box protein O6	
Isotype: IgG	Calculated MW: 51 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB: C2C12 cells, mouse brain tissue, mouse lung tissue IP: mouse brain tissue, IHC: mouse brain tissue, human gliomas tissue, human brain tissue
Cited Applications: ChIP, ColP, FC (Intra), IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse, pig	
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

FOXO6 is a member of the murine forkhead family of transcription factors. These forkhead transcription factors may play a role in maintenance. FOXO6 mRNA is predominantly expressed in the developing brain, indicating that FOXO6 may play an important role in the nervous system. FOXO6 has a isoform of 70 kDa when modified after translation (PMID:23639108).

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Zong	32914682	RNA Biol	WB,ChIP,ColP
Ruili Dang	34529881	Aging Cell	WB
Lei Zhang	34080654	Int J Mol Med	WB

Storage

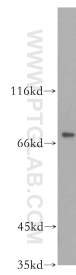
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

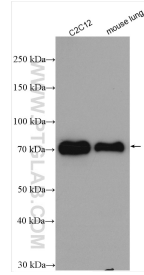
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

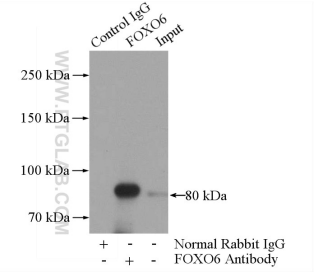
Selected Validation Data



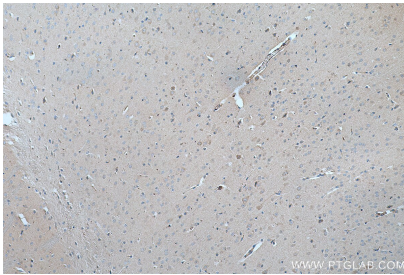
mouse brain tissue were subjected to SDS PAGE followed by western blot with 19122-1-AP (FOXO6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



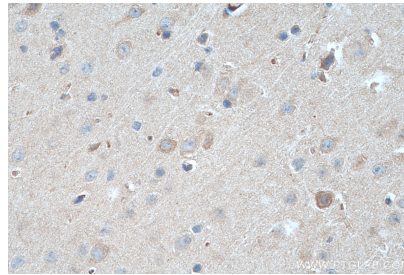
Various lysates were subjected to SDS PAGE followed by western blot with 19122-1-AP (FOXO6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-FOXO6 (IP:19122-1-AP, 3ug; Detection:19122-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19122-1-AP (FOXO6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19122-1-AP (FOXO6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).