

For Research Use Only

PKNOX1 Polyclonal antibody

Catalog Number: 10614-1-AP **2 Publications**



Basic Information

Catalog Number: 10614-1-AP	GenBank Accession Number: BC007746	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5316	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: PBX/knotted 1 homeobox 1	
Isotype: IgG	Calculated MW: 48 kDa	
Immunogen Catalog Number: AG0939	Observed MW: 50-55 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : SH-SY5Y cells, COLO 320 cells, HepG2 cells IHC : human gliomas tissue, IF : HepG2 cells,
Cited Applications: IHC, IP, WB	
Species Specificity: human, mouse	
Cited Species: human, 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

Notable Publications

Author	Pubmed ID	Journal	Application
Zhiqiang Chen	31091119	Am J Physiol Renal Physiol	WB,IHC
Noriko Miyake	31839203	Am J Hum Genet	WB,IP

Storage

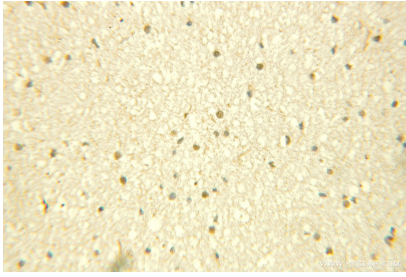
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

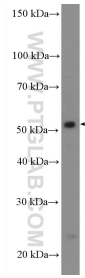
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

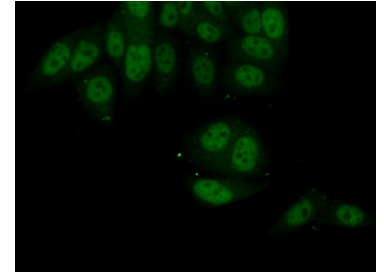
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human gliomas using 10614-1-AP (PKNOX1 antibody) at dilution of 1:100 (under 25x lens).



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 10614-1-AP (PKNOX1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 10614-1-AP (PKNOX1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).