

For Research Use Only

PAX1-Specific Monoclonal antibody



Catalog Number: 60217-1-Ig **1 Publications**

Basic Information

Catalog Number: 60217-1-Ig	GenBank Accession Number: NM_006192	Purification Method: Protein A purification
Size: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1600 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5075	CloneNo.: 5A10D9
Source: Mouse	Full Name: paired box 1	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG2b	Calculated MW: 55 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : K-562 cells,
Cited Applications: IF	
Species Specificity: human, mouse	
Cited Species: mouse	

Background Information

PAX1, also named as HUP48, is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo and may play an important role in the normal development of the vertebral column. It is a marker of the sclerotomal compartment. PAX1 was reported that, quantitative measurement of PAX1 hypermethylation in cervical scrapings is highly sensitive and is more specific than HC2 in detection of cervical cancer. It is expressed by vSMC and pericytes during the earliest phases of vascular wall formation. This antibody is specific to PAX1.

Notable Publications

Author	Pubmed ID	Journal	Application
Jun Sun	37704733	Nature	IF

Storage

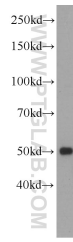
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 60217-1-Ig (PAX1-Specific Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.