

For Research Use Only

PAX7 Polyclonal antibody

Catalog Number: 20570-1-AP **7 Publications**



Basic Information

Catalog Number: 20570-1-AP	GenBank Accession Number: NM_002584	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5081	Recommended Dilutions: WB 1:500-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: paired box 7	
Isotype: IgG	Calculated MW: 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : NCCIT cell, Jurkat cells, HeLa cells, C2C12 cell IF : MCF-7 cells,
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

PAX7, also named as HUP1, belongs to the paired homeobox family. It is probable a transcription factor. PAX7 may have a role in myogenesis. A chromosomal aberration involving PAX7 is a cause of rhabdomyosarcoma 2 (RMS2) which also known as alveolar rhabdomyosarcoma. The antibody is specific to PAX7. It will not cross react with other PAX members.

Notable Publications

Author	Pubmed ID	Journal	Application
Ling Qiu	32998818	Biochem Biophys Res Commun	IF
Chunfeng Xie	26370922	Sci Rep	IHC
Manfeng Wang	32964508	Exp Physiol	WB

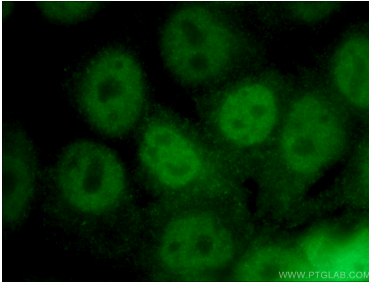
Storage

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

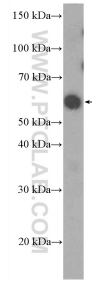
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 20570-1-AP (PAX7 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



NCCIT cell were subjected to SDS PAGE followed by western blot with 20570-1-AP (PAX7 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.