

For Research Use Only

FOXD3 Polyclonal antibody

Catalog Number: 27878-1-AP

Featured Product



Basic Information

Catalog Number: 27878-1-AP	GenBank Accession Number: NM_012183.2	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1500 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27022	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: forkhead box D3	
Isotype: IgG	Calculated MW: 48 kDa	
Immunogen Catalog Number: AG27260	Observed MW: 57-60kda	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells,
Species Specificity: Human	

Background Information

FOXD3, also named as HFH2, belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. FOXD3 binds to the consensus sequence 5'-A[AT][AG]TTTGTTT-3' and acts as a transcriptional repressor. It also acts as a transcriptional activator. FOXD3 promotes development of neural crest cells from neural tube progenitors. It restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. It required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis. FOXD3 has one isoform produced by alternative splicing with the MW of 47 kDa. It can be detected as 57-60 kDa in some literature(PMID: 31940493).

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

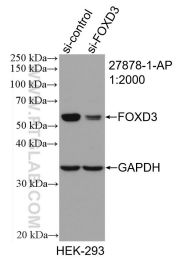
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

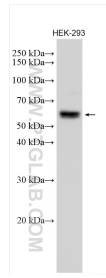
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



WB result of FOXD3 antibody (27878-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXD3 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 27878-1-AP (FOXD3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.