

For Research Use Only

FOXK1 Recombinant antibody

Catalog Number: 86452-1-RR



Basic Information

Catalog Number:	86452-1-RR	GenBank Accession Number:	NM_001037165	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	221937	CloneNo.:	251186A11
Source:	Rabbit	UNIPROT ID:	P85037	Recommended Dilutions:	WB: 1:5000-1:50000 IHC: 1:250-1:1000 IF/ICC: 1:500-1:2000
Isotype:	IgG	Full Name:	forkhead box K1		
Immunogen Catalog Number:	AG28820	Calculated MW:	75 kDa		
		Observed MW:	90-100 kDa		

Applications

Tested Applications:	WB, IHC, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB:	HepG2 cells, HeLa cells, HEK-293T cells, Jurkat cells, K-562 cells, NIH/3T3 cells, PC-12 cells
		IHC:	human colon cancer tissue,
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC:	HepG2 cells,

Background Information

Forkhead box (FOX) domains bind DNA and consist of 2 loops connecting beta-sheets that flank an alpha-helix, which is a group of highly conserved transcription factors. Forkhead box k1 (FOXK1) also known as MNF, is a transcription factor that belongs to the forkhead family consisting of the winged-helix DNA-binding domain and the N-terminal and C-terminal transcriptional domains (PMID: 15289879, PMID: 27223064). There are two isoforms of FoxK1: FoxK1- α and FoxK1- β . FoxK1- α (90 kDa) is expressed in committed myoblasts and differentiated myotubes, while FoxK1- β (55 kDa) is expressed mainly in quiescent satellite cells (PMID: 9271401).

Storage

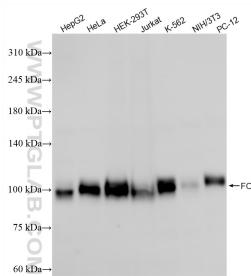
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86452-1-RR (FOXK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

