

For Research Use Only

FOXK1 Recombinant antibody, PBS Only

Catalog Number: 86452-1-PBS



Basic Information

Catalog Number:	86452-1-PBS	GenBank Accession Number:	NM_001037165	Purification Method:	Protein A purification
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	221937	CloneNo.:	251186A11
Source:	Rabbit	UNIPROT ID:	P85037	Full Name:	forkhead box K1
Isotype:	IgG	Calculated MW:	75 kDa	Observed MW:	90-100 kDa
Immunogen Catalog Number:	AG28820				

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA
Species Specificity:
human, mouse, rat

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).

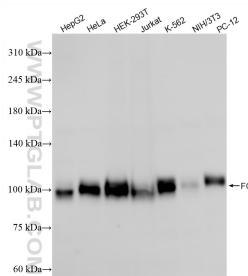
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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
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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. This data was developed using the same antibody clone with 86452-1-PBS in a different storage buffer formulation.

