

For Research Use Only

# ZNF746 Monoclonal antibody

Catalog Number:**67463-1-Ig**



## Basic Information

Catalog Number:	67463-1-Ig	GenBank Accession Number:	BC068505	Purification Method:	Protein G purification
Size:	150ul , Concentration: 1100 ug/ml by Nanodrop and 667 ug/ml by Bradford method using BSA as the standard;	GenID (NCBI):	155061	CloneNo.:	3A12C5
Source:	Mouse	UNIPROT ID:	Q6NUN9	Recommended Dilutions:	WB 1:1000-1:4000
Isotype:	IgG1	Full Name:	zinc finger protein 746		
Immunogen Catalog Number:	AG21582	Calculated MW:	644 aa, 69 kDa		
		Observed MW:	85-90 kDa		

## Applications

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

## Background Information

ZNF746, also named as PARIS, which belongs to the krueppel C2H2-type zinc-finger protein family. ZNF746 mainly localizes to the cytoplasm and probably translocates to the nucleus to repress selected genes. ZNF746 as a transcription repressor that specifically binds to the 5'-TATTT[T/G]-3' consensus sequence on promoters and repress transcription of PGC-1-alpha (PPARGC1A), thereby playing a role in regulation of neuron death. ZNF746 may act as a downstream effector of PRKN and contribute to neurodegeneration in Parkinson disease cases caused by defects in PRKN: its accumulation due to the absence of PRKN, followed by up-regulation of PPARGC1A, could lead to the selective loss of dopamine neurons in the substantia nigra(PMID: 28122242). The calculated molecular weight of ZNF746 is 69 kDa, but Phosphorylation of ZNF746 is about 80-85 kDa (PMID: 28122242).

## Storage

Storage:  
Store at -20°C.  
Storage Buffer:  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

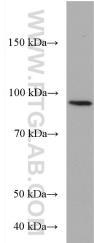
\*\*\* 20ul sizes contain 0.1% BSA

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



HEK-293 cells were subjected to SDS PAGE followed by western blot with 67463-1-Ig (ZNF746 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.