

For Research Use Only

# ZNF746 Polyclonal antibody

Catalog Number: 24543-1-AP

Featured Product

9 Publications



## Basic Information

<b>Catalog Number:</b> 24543-1-AP	<b>GenBank Accession Number:</b> BC068505	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 155061	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>Full Name:</b> zinc finger protein 746	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 644 aa, 69 kDa	
<b>Immunogen Catalog Number:</b> AG21566	<b>Observed MW:</b> 85-95 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HEK-293T cells
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	

## 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'-TATTTT[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 (PMID: 28122242). The calculated molecular weight of ZNF746 is 69 kDa, but Phosphorylation of ZNF746 is about 80-85 kDa (PMID: 28122242).

## Notable Publications

Author	Pubmed ID	Journal	Application
Hyojung Kim	34581802	Brain	WB,IF
Hanna Kim	34062393	Biochem Biophys Res Commun	WB,IHC
Nikhil Panicker	35654037	Neuron	WB

## Storage

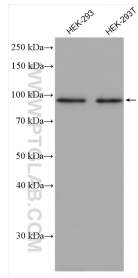
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 24543-1-AP (ZNF746 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.