

For Research Use Only

# ZNF746 Polyclonal antibody

Catalog Number: 24543-1-AP

Featured Product

9 Publications



## Basic Information

Catalog Number:

24543-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21566

GenBank Accession Number:

BC068505

GeneID (NCBI):

155061

UNIPROT ID:

Q6NUN9

Full Name:

zinc finger protein 746

Calculated MW:

644 aa, 69 kDa

Observed MW:

85-95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB: HEK-293 cells, HEK-293T cells

## 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

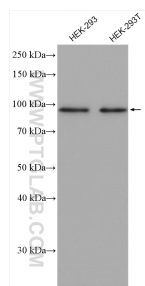
For technical support and original validation data for this product please contact:

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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.