

For Research Use Only

# ZNF746 Polyclonal antibody, PBS Only

Catalog Number: 24543-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

24543-1-PBS

**Size:**

100ug, Concentration: 1 mg/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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

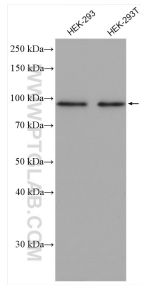
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 24543-1-PBS in a different storage buffer formulation.