For Research Use Only

ZNF746 Polyclonal antibody

Catalog Number:24543-1-AP Featured Product 12 Publications

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Basic Information

Catalog Number:
24543-1-AP

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, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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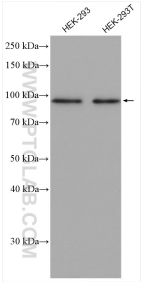
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.