

For Research Use Only

THOC3 Polyclonal antibody

Catalog Number: 11716-1-AP



Basic Information

Catalog Number: 11716-1-AP	GenBank Accession Number: BC006849	Purification Method: Antigen affinity purification
Size: 450 ug/ml	GeneID (NCBI): 84321	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96J01	
Isotype: IgG	Full Name: THO complex 3	
Immunogen Catalog Number: AG2289	Calculated MW: 327 aa, 36 kDa Observed MW: 39 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human ovary cancer tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

THOC3 is a component of the nuclear THO transcription elongation complex, which is a part of the larger transcription export (TREX) complex that couples messenger RNA processing and export. Additionally, THOC3 plays a key role in many cellular mechanisms, such as in the pathogenesis of cancer and neurodegenerative diseases (PMID: 36674977). THOC3 has 2 isoforms with the molecular weights of 36 and 39 kDa.

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

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

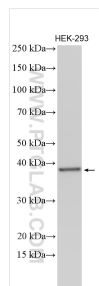
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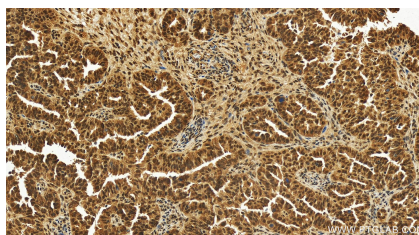
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11716-1-AP (THOC3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 11716-1-AP (THOC3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).