

For Research Use Only

NDUFAF3 Polyclonal antibody

Catalog Number: 25621-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 25621-1-AP | GenBank Accession Number: BC002873 | Purification Method: Antigen affinity purification |
| Size: 500 ug/ml | GeneID (NCBI): 25915 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q9BU61 | IHC 1:50-1:500 |
| Isotype: IgG | Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 3 | IF/ICC 1:50-1:500 |
| Immunogen Catalog Number: AG22514 | Calculated MW: 184 aa, 20 kDa | |
| | Observed MW: 17 kDa | |

Applications

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

Background Information

NDUFAF3 has been assigned to be an assembly factor of the Q-module because it physically associates with Q-module subassemblies during complex I biogenesis (PMID: 27986404).

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:

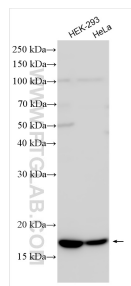
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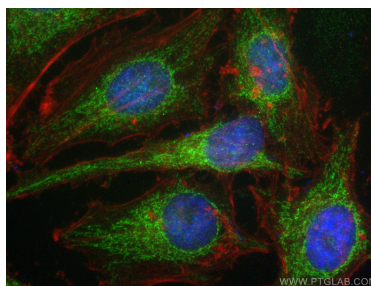
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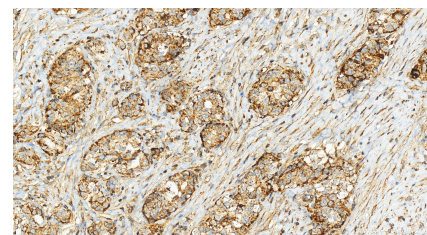
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25621-1-AP (NDUFAF3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NDUFAF3 antibody (25621-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25621-1-AP (NDUFAF3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).