

For Research Use Only

# COA4 Recombinant antibody

Catalog Number: 83326-1-RR



## Basic Information

Catalog Number:

83326-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33966

GenBank Accession Number:

NM\_016565.2

GeneID (NCBI):

51287

UNIPROT ID:

Q9NYJ1-1

Full Name:

Cytochrome c oxidase assembly  
factor 4 homolog, mitochondrial

Calculated MW:

10 kDa

Observed MW:

10 kDa

Purification Method:

Protein A purification

CloneNo.:

230070G9

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:200-1:800

## Applications

Tested Applications:

WB, IHC, ELISA

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**

Positive Controls:

**WB** : HeLa cells, MCF-7 cells, K-562 cells, HEK-293 cells,  
PC-3 cells, LNCaP cells, MKN-45 cells

**IHC** : human intrahepatic cholangiocarcinoma tissue,  
human ovarian cancer

## Background Information

### 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:

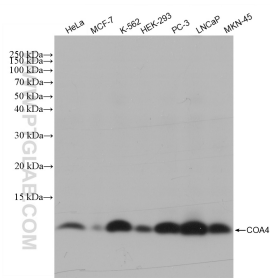
T: 4006900926

E: Proteintech-CN@ptglab.com

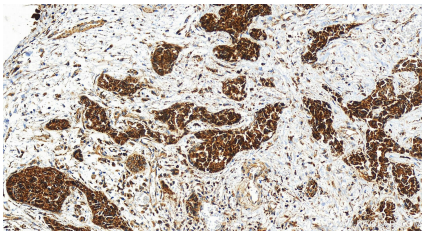
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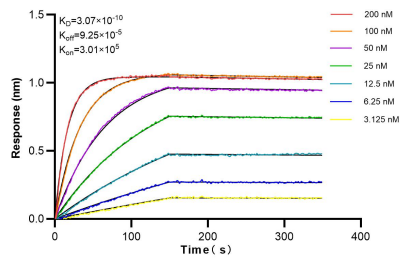
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83326-1-RR (COA4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83326-1-RR (COA4 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83326-1-RR against Human COA4 were performed. The affinity constant is 0.307 nM.