

For Research Use Only

# COA4 Recombinant antibody

Catalog Number: 83326-1-RR



## Basic Information

Catalog Number:

83326-1-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

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

## 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

\*\*\* 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

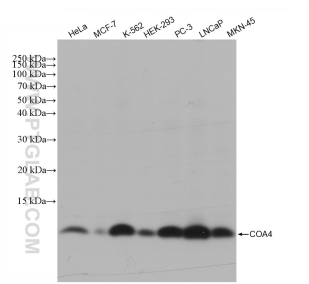
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

W: [ptglab.com](http://ptglab.com)

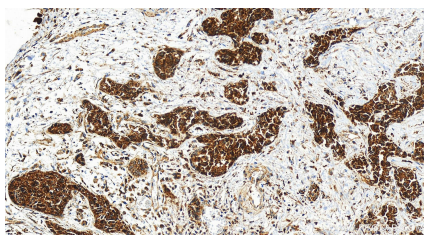
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.



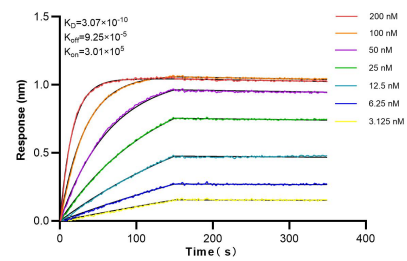
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.