

For Research Use Only

# HOXC10 Recombinant antibody

Catalog Number: 86219-3-RR



## Basic Information

Catalog Number:

86219-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2655

GenBank Accession Number:

BC001293

GeneID (NCBI):

3226

UNIPROT ID:

Q9NYD6

Full Name:

homeobox C10

Calculated MW:

342 aa, 38 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

250873D8

Recommended Dilutions:

WB: 1:500-1:2000

IF/ICC: 1:500-1:2000

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : T-47D cells, U2OS cells, HeLa cells, A375 cells, C2C12 cells

IF/ICC : HepG2 cells,

## Background Information

HOXC10, also named as Homeo box C10, is a 342 amino acid protein. The calculated molecular weight of HOXC10 is 38 kDa, but HOXC10 is detected about 50 kDa (PMID: 12853486).

## 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:

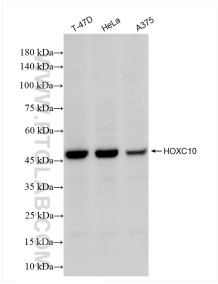
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

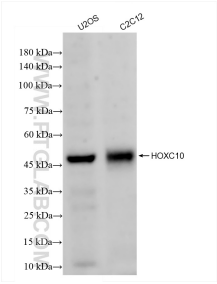
W: [ptgcn.com](http://ptgcn.com)

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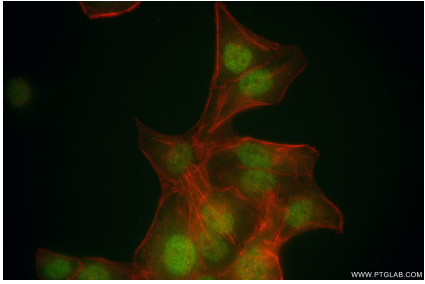
## Selected Validation Data



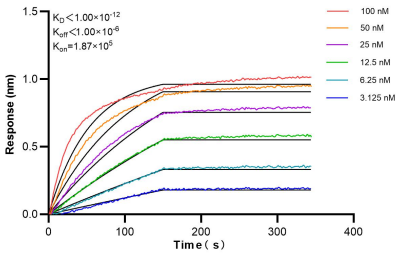
Various lysates were subjected to SDS PAGE followed by western blot with 86219-3-RR (HOXC10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HOXC10 antibody (86219-3-RR, Clone: 250873D8 ) at dilution of 1:1000 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86219-3-RR against Human HOXC10 were performed. The affinity constant is below 1 pM.