

## Cyclophilin 40 antibody

**Cat. No. GTX79245**

|                     |  |
|---------------------|--|
| <b>Host</b>         | Rabbit   |
| <b>Clonality</b>    | Polyclonal   |
| <b>Isotype</b>      | IgG  |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, Gel supershift assays, IHC |
| <b>Reactivity</b>   | Human, Mouse, Rat, Rabbit, Bovine, Chicken, Primate            |

References ( 1 )

Package

100 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution    | Recommended dilution |
|-----------------------|----------------------|
| WB                    | 1:1,000              |
| ICC/IF                | 1:200                |
| IHC-P                 | Assay dependent      |
| IHC-Fr                | 1:100                |
| FCM                   | Assay dependent      |
| IP                    | Assay dependent      |
| Gel supershift assays | Assay dependent      |
| IHC                   | Assay dependent      |

Not tested in other applications.

**Calculated MW** 41 kDa. ( [Note](#) )**Product Note** This antibody does not cross-react with CyPA.

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 0.1% BSA  |
| <b>Preservative</b>  | 0.05% Sodium azide   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Synthetic peptide corresponding to residues CA(356) Q K D K E K A V Y A K M F A(370) of human Cyp-40.  |



For full product information, images and publications, please visit our [website](#).

**Purification**

Purified IgG

**Conjugation**

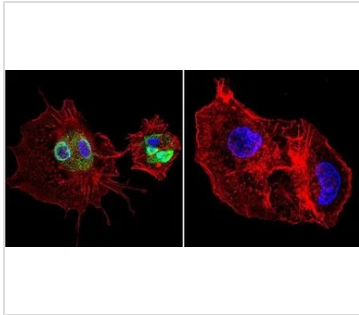
Unconjugated

**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

**GTX79245 ICC/IF Image**

ICC/IF analysis of HepG2 cells using GTX79245 Cyclophilin 40 antibody. Cells were probed without (right) or with(left) an antibody.

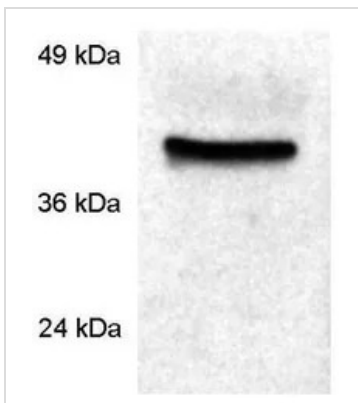
Green : Primary antibody

Blue : Nuclei

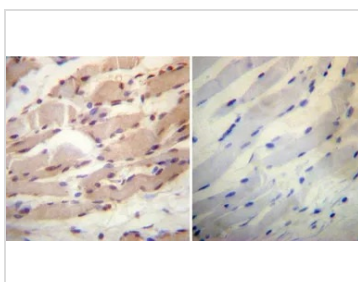
Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C

**GTX79245 WB Image**

WB analysis of rat spleen extracts using GTX79245 Cyclophilin 40 antibody.

**GTX79245 IHC-P Image**

IHC-P analysis of human skeletal muscle tissue using GTX79245 Cyclophilin 40 antibody.

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:100



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