

## DRP1 (phospho Ser637) antibody

**Cat. No. GTX01567**

|                     |                          |
|---------------------|--------------------------|
| <b>Host</b>         | Rabbit                   |
| <b>Clonality</b>    | Polyclonal               |
| <b>Isotype</b>      | IgG                      |
| <b>Applications</b> | WB, ICC/IF, IHC-P, ELISA |
| <b>Reactivity</b>   | Human, Mouse, Rat        |

**Package**  
100 µl

## Applications

**Application Note**

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000-1:3000        |
| ICC/IF             | 1:100-1:500          |
| IHC-P              | 1:50-1:200           |
| ELISA              | Assay dependent      |

Not tested in other applications.

**Calculated MW** 82 kDa. ([Note](#))

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 150mM NaCl, 50% Glycerol  |
| <b>Preservative</b>  | 0.02% 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>     | A synthesized peptide derived from human DRP1 around the phosphorylation site of Ser637.   |
| <b>Purification</b>  | Purified by sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.<br>From serum   |
| <b>Conjugation</b>   | Unconjugated   |



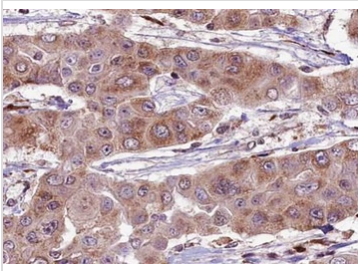
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**Note**

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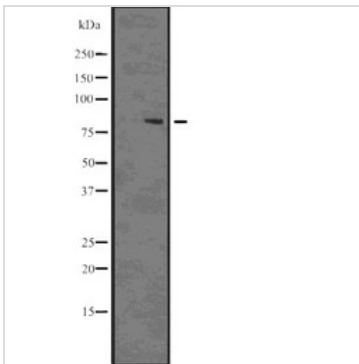
## DATA IMAGES

**GTX01567 IHC-P Image**

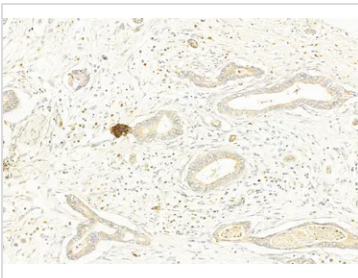
IHC-P analysis of human liver carcinoma tissue section using GTX01567 DRP1 (phospho Ser637) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

Dilution : 1:100

**GTX01567 WB Image**

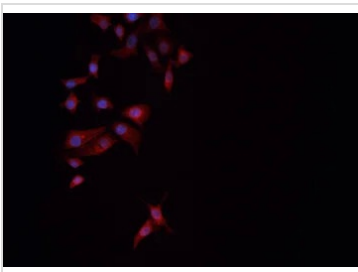
WB analysis of 293 whole cell lysate using GTX01567 DRP1 (phospho Ser637) antibody.

**GTX01567 IHC-P Image**

IHC-P analysis of human pancreatic cancer tissue using GTX01567 DRP1 (phospho Ser637) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

Dilution : 1:100

**GTX01567 ICC/IF Image**

ICC/IF analysis of PFA-fixed NCI-H1299 cells using GTX01567 DRP1 (phospho Ser637) antibody.

Permeabilized : 0.1% saponin

Dilution : 1:200



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