

## GPX4 (Isoform a and c) antibody, C-term

Cat. No. GTX89281

|              |            |
|--------------|------------|
| Host         | Goat       |
| Clonality    | Polyclonal |
| Isotype      | IgG        |
| Applications | WB, IHC-P  |
| Reactivity   | Human      |

Package  
100 µg

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 0.1-0.3µg/ml         |
| IHC-P              | 0.3µg/ml             |

**Note : Human Testis shows strong staining surrounding the nuclei of spermatocytes and surrounding spermatozoa.**

Not tested in other applications.

|               |                                                                                                |
|---------------|------------------------------------------------------------------------------------------------|
| Calculated MW | 22 kDa. ( <a href="#">Note</a> )                                                               |
| Product Note  | This antibody is expected to recognise isoform A (NP_002076.2) and isoform C (NP_001034937.1). |

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | TBS, 0.5% BSA                                                                                                                                                                                                              |
| Preservative  | 0.02% Sodium azide                                                                                                                                                                                                         |
| Storage       | 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. |
| Concentration | 0.50 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| Immunogen     | Peptide with sequence C-EEPLVIEKDLPHY, from the C Terminus of the protein sequence according to NP_002076.2; NP_001034937.1.                                                                                               |
| Purification  | Purified by ammonium sulphate precipitation followed by antigen affinity chromatography                                                                                                                                    |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |



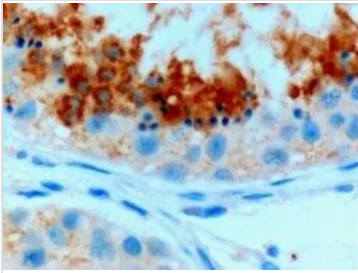
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## Note

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

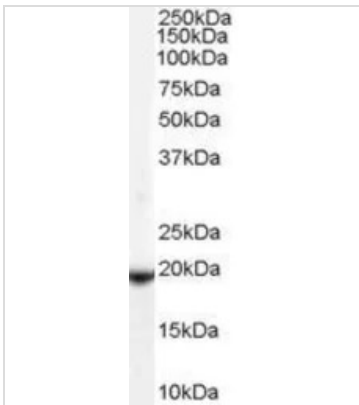


### GTx89281 IHC-P Image

IHC-P analysis of human testis using GTx89281 GPX4 (Isoform a and c) antibody, C-term.

Antigen retrieval : citrate buffer pH 6

Dilution : 0.3µg/ml



### GTx89281 WB Image

WB analysis of human testis lysate using GTx89281 GPX4 (Isoform a and c) antibody, C-term.

Dilution : 0.1µg/ml

Loading : 35µg protein in RIPA buffer



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