

## CPA2 antibody [HL5200]

Cat. No. GTX645452

|              |              |
|--------------|--------------|
| Host         | Rabbit       |
| Clonality    | Monoclonal   |
| Isotype      | IgG          |
| Applications | WB, IHC-P    |
| Reactivity   | Human, Mouse |

Package  
100 µl, 25 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| IHC-P              | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 32-34 (mature form), 47 (Pro-form) kDa.

**Product Note** Highly recommended for IHC-P in mouse tissues.

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS                                                                                                                                                                                                                        |
| Preservative  | No preservatives                                                                                                                                                                                                           |
| 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 | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Synthetic peptide of human CPA2.                                                                                                                                                                                           |
| Purification  | Affinity purified by Protein A.                                                                                                                                                                                            |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

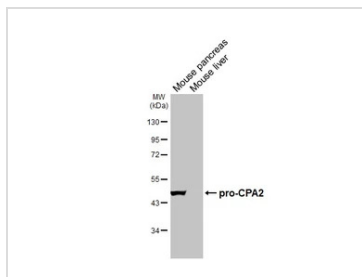
## Note

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

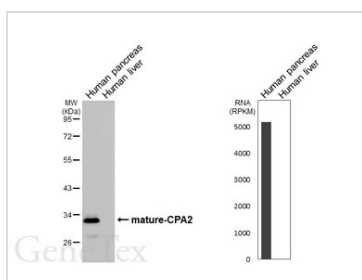
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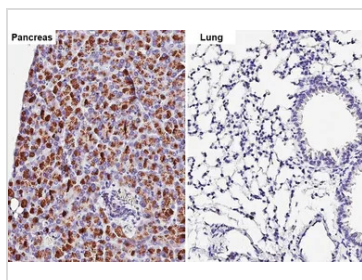
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**DATA IMAGES**

**GTx645452 WB Image**

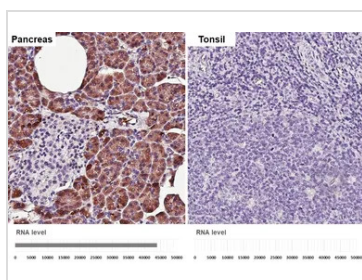
Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CPA2 antibody [HL5200] (GTx645452) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.  
The observed M.W. is based on the publication: PMID: 21098023


**GTx645452 WB Image**

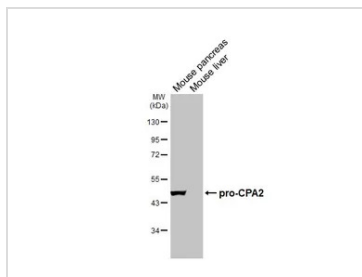
Various tissue extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CPA2 antibody [HL5200] (GTx645452) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.


**GTx645452 IHC-P Image**

CPA2 antibody [HL5200] detects CPA2 protein by immunohistochemical analysis.  
Sample: Paraffin-embedded mouse tissues.  
CPA2 stained by CPA2 antibody [HL5200] (GTx645452) diluted at 1:2500.  
Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min  
The observed subcellular location is based on the publication: PMID: 9452479.


**GTx645452 IHC-P Image**

CPA2 antibody [HL5200] detects CPA2 protein by immunohistochemical analysis.  
Sample: Paraffin-embedded human tissues.  
CPA2 stained by CPA2 antibody [HL5200] (GTx645452) diluted at 1:2500.  
Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min  
Corresponding RNA levels (nTPM) in the tissues are based on Human Protein Atlas program.


**GTx645452 WB Image**

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CPA2 antibody [HL5200] (GTx645452) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.  
The observed M.W. is based on the publication: PMID: 21098023



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