Datasheet for ABIN7434752

# anti-p300 antibody (AA 1351-1601)

3 Images

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | p300 (EP300) |
| Binding Specificity: | AA 1351-1601 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This p300 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

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|---|---|
| Purpose: | Polyclonal Antibody to E1A Binding Protein P300 (EP300) |
| Immunogen: | Recombinant E1A Binding Protein P300 (EP300) corresdonding to Glu1351~Ile1601 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against EP300. It has been selected for its ability to recognize EP300 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

## Target Details

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|---|---|
| Target: | p300 (EP300) |

## Target Details

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|---|---|
| Alternative Name: | E1A Binding Protein P300 (EP300 Products) |
| Background: | KAT3B, p300, Histone Acetyltransferase p300 |
| Pathways: | p53 Signaling, Notch Signaling, Interferon-gamma Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Lipid Metabolism by PPARalpha, Regulation of Muscle Cell Differentiation, Regulation of Cell Size |

## Application Details

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| Application Notes: | Western blotting: 0.5-2 µg/mL<br>Immunohistochemistry: 5-20 µg/mL<br>Immunocytochemistry: 5-20 µg/mL<br>Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

## Handling

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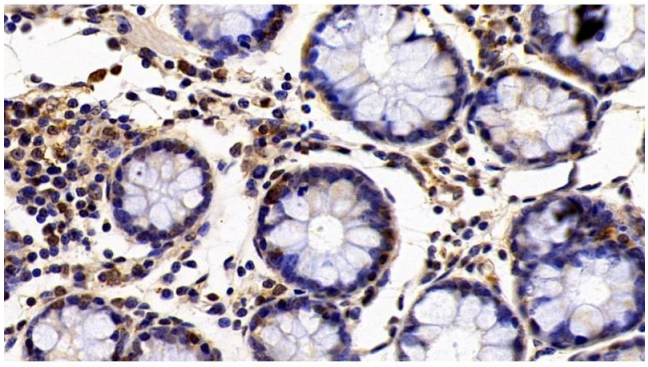
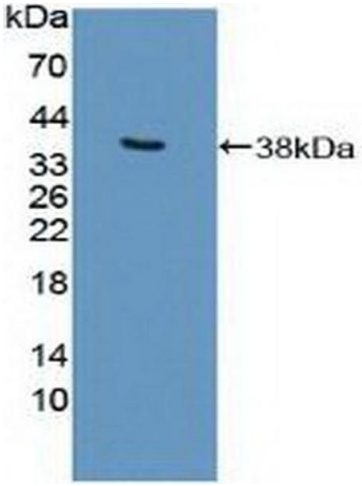
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



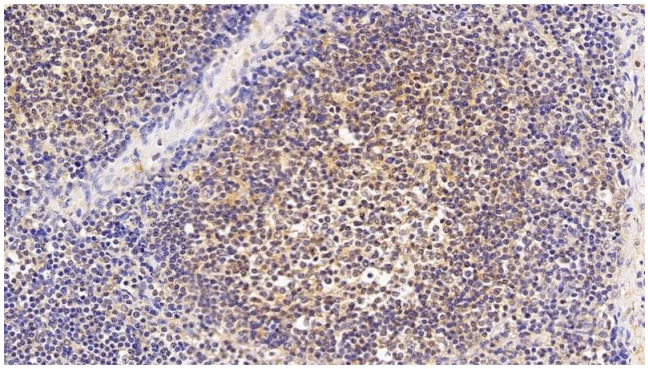
**Immunohistochemistry**

**Image 1.** Detection of EP300 in Human Colon Tissue using Polyclonal Antibody to E1A Binding Protein P300 (EP300)




**Western Blotting**

**Image 2.** Detection of Recombinant EP300, Human using Polyclonal Antibody to E1A Binding Protein P300 (EP300)



**Immunohistochemistry**

**Image 3.** Detection of EP300 in Human Lymph node Tissue using Polyclonal Antibody to E1A Binding Protein P300 (EP300)

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