

Datasheet for ABIN7606971

**Recombinant anti-APEX1 antibody**[Go to Product page](#)

## Overview

|                |                                                   |
|----------------|---------------------------------------------------|
| Quantity:      | 100 µL                                            |
| Target:        | APEX1                                             |
| Reactivity:    | Human, Mouse, Rat                                 |
| Host:          | Rabbit                                            |
| Antibody Type: | Recombinant Antibody                              |
| Clonality:     | Monoclonal                                        |
| Conjugate:     | This APEX1 antibody is un-conjugated              |
| Application:   | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|               |                                                       |
|---------------|-------------------------------------------------------|
| Purpose:      | APE1 Rabbit mAb                                       |
| Immunogen:    | A synthesized peptide derived from human APE1         |
| Isotype:      | IgG                                                   |
| Specificity:  | APE1 Antibody detects endogenous levels of total APE1 |
| Purification: | Affinity-chromatography                               |
| Grade:        | KD Validated                                          |

## Target Details

|                   |                                         |
|-------------------|-----------------------------------------|
| Target:           | APEX1                                   |
| Alternative Name: | APE1 ( <a href="#">APEX1 Products</a> ) |

### Target Details

|                   |                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | DNA-(apurinic or apyrimidinic site) lyase, APEX nuclease, APEN, AP endonuclease 1, APE-1, APEX1, APE, APE1, APEX, APX, HAP1, REF1,                                                                                                    |
| Molecular Weight: | 36kDa                                                                                                                                                                                                                                 |
| UniProt:          | <a href="#">P27695</a>                                                                                                                                                                                                                |
| Pathways:         | <a href="#">DNA Damage Repair</a> , <a href="#">Chromatin Binding</a> , <a href="#">Cell RedoxHomeostasis</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a> |

### Application Details

|                    |                                 |
|--------------------|---------------------------------|
| Application Notes: | WB 1:1000~1:5000 IHC 1:50~1:200 |
| Restrictions:      | For Research Use only           |

### Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Buffer:            | phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.                                |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                         |