

Datasheet for ABIN6260932

**anti-COL4a6 antibody (Internal Region)**[Go to Product page](#)**2** Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | COL4a6   |
| Binding Specificity: | Internal Region  |
| Reactivity:          | Human, Rat, Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This COL4a6 antibody is un-conjugated                    |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | A synthesized peptide derived from human COL4A6, corresponding to a region within the internal amino acids.               |
| Isotype:              | IgG   |
| Specificity:          | COL4A6 Antibody detects endogenous levels of total COL4A6.  |
| Predicted Reactivity: | Bovine, Sheep, Dog  |
| Purification:         | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

|         |        |
|---------|--------|
| Target: | COL4a6 |
|---------|--------|

## Target Details

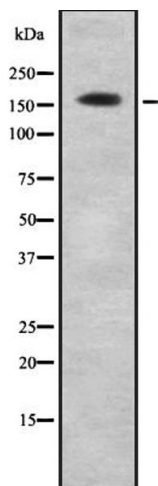
|                   |  |
|-------------------|--|
| Alternative Name: | COL4A6 ( <a href="#">COL4a6 Products</a> )   |
| Background:       | <p>Description: Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.</p> <p>Gene: COL4A6</p> |
| Molecular Weight: | 160kDa   |
| Gene ID:          | 1288   |
| UniProt:          | <a href="#">Q14031</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB 1:1000, IHC 1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions:      | For Research Use only                                |

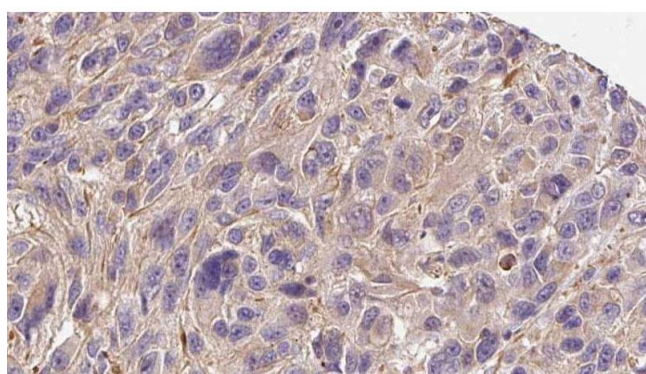
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | Rabbit IgG in 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:           | -20 °C   |
| Storage Comment:   | Store at -20 °C. Stable for 12 months from date of receipt.  |
| Expiry Date:       | 12 months  |



#### Western Blotting

**Image 1.** Western blot analysis of COL4A6 using K562 whole cell lysates



#### Immunohistochemistry

**Image 2.** ABIN6272278 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.