

Datasheet for ABIN2790325

anti-COL23A1 antibody (C-Term)





Overview

| Overview | |
|-----------------------|--|
| Quantity: | 100 μL |
| Target: | COL23A1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This COL23A1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| Product Details | |
| lmmunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human COL23A1 |
| Sequence: | GLIGLPGTKG EKGRPGEPGL DGFPGPRGEK GDRSERGEKG ERGVPGRKGV |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against COL23A1. It was validated on Western Blot. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | COL23A1 |
| | |

Target Details

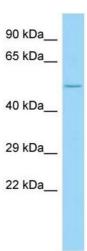
| Alternative Name: | COL23A1 (COL23A1 Products) |
|-------------------|---|
| Background: | COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar |
| | collagens that contain a single pass hydrophobic transmembrane domain. |
| | Alias Symbols: DKFZp434K0621 |
| | Protein Interaction Partner: EXOSC8, COL23A1, LSM8, FURIN, |
| | Protein Size: 540 |
| Molecular Weight: | 52 kDa |
| Gene ID: | 91522 |
| NCBI Accession: | NM_173465, NP_775736 |
| UniProt: | Q86Y22 |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 540 AA |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|---|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

Image 1. WB Suggested Anti-COL23A1 Antibody Titration:1.0 ug/ml Positive Control: Fetal Liver