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Datasheet for ABIN7264117 anti-LEPREL1 antibody

Image



Overview

| Quantity: | 200 µL |
|--------------|--|
| Target: | LEPREL1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LEPREL1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | Recombinant fusion protein of human LEPREL1 (NP_060662.2). |
|------------------|--|
| lsotype: | lgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

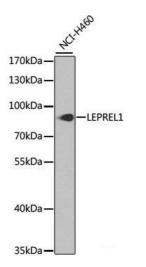
Target Details

| Target: | LEPREL1 |
|-------------------|--|
| Alternative Name: | LEPREL1 (LEPREL1 Products) |
| Background: | This gene encodes a member of the prolyl 3-hydroxylase subfamily of 2-oxo-glutarate- dependent dioxygenases. These enzymes play a critical role in collagen chain assembly, |
| | stability and cross-linking by catalyzing post-translational 3-hydroxylation of proline residues. Mutations in this gene are associated with nonsyndromic severe myopia with cataract and |

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Target Details

| | vitreoretinal degeneration, and downregulation of this gene may play a role in breast cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. |
|---------------------|--|
| Molecular Weight: | Observed_MW: 85 kDa Calculated_MW: 60 kDa/80 kDa |
| Gene ID: | 55214 |
| UniProt: | Q8IVL5 |
| Application Details | |
| Application Notes: | WB 1:500-1:2000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| 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. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of NCI-H460 cells using LEPREL1 Polyclonal Antibody at dilution of 1:1000.

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