Datasheet for ABIN1711108

# anti-Zinc Finger and SCAN Domain Containing 31 (ZSCAN31) (AA 151-250) antibody (HRP)

Go to Product page

## Overview

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| Quantity: | 100 µL |
| Target: | Zinc Finger and SCAN Domain Containing 31 (ZSCAN31) |
| Binding Specificity: | AA 151-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | HRP |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ZNF323 |
| Isotype: | IgG |
| Predicted Reactivity: | Human |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | Zinc Finger and SCAN Domain Containing 31 (ZSCAN31) |
| Alternative Name: | ZNF323 (ZSCAN31 Products) |
| Background: | Synonyms: dJ874C20, OTTHUMP00000016202, zinc finger and SCAN domain containing 31, |

## Target Details

zinc finger protein 310 pseudogene, Zinc finger protein 323, ZN323_HUMAN, ZNF20-Lp, ZNF310P, ZNF323, ZSCAN31.

Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. As a member of the Kr_ppel C2H2-type zinc-finger protein family, ZNF323 (zinc finger protein 323) is a 406 amino acid protein containing six C2H2-type zinc fingers and one SCAN box domain. Specifically, C2H2-type zinc fingers function to bind DNA, while SCAN box domains are thought to participate in protein-protein interactions. Therefore, it is probable that ZNF323 functions as a transcription factor. With highest expression in kidney, liver and lung and weaker expression in brain, heart, intestine, muscle, cholecyst and pancreas, ZNF323 is localized to the nucleus. It is also suggested that ZNF323 may play a role in the development of multiple embryonic organs.

## Application Details

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| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice: | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |