Datasheet for ABIN1714469

# anti-LRRC23 antibody (AA 251-343)

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## Overview

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| Quantity: | 100 µL |
| Target: | LRRC23 |
| Binding Specificity: | AA 251-343 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LRRC23 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human LRRC23 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Sheep,Horse,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | LRRC23 |
| Alternative Name: | LRRC23 (LRRC23 Products) |

## Target Details

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| Background: | Synonyms: Leucine rich protein B7, Leucine rich repeat containing 23, Leucine rich repeat containing protein 23, Lrpb7, LRC23_HUMAN.<br>Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic å,/ horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. The primary function of these motifs is to provide a versatile structural framework to mediate the formation of protein-protein interactions. LRRs are present in a variety of proteins with diverse structure and function, including innate immunity and nervous system development. Several human diseases are associated with mutations in genes encoding LRR-containing proteins. LRRC23 (leucine-rich repeat-containing protein 23), also known as leucine-rich protein B7, is a 343 amino acid protein that contains eight LRR (leucine-rich) repeasts and one LRRCT domain. LRRC23 exists as two alternatively spliced isoforms and is encoded by a gene mapping to chromosome 12. |
| Gene ID: | 10233 |

## Application Details

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| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200<br>ICC 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

## Handling

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| | handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

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