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Datasheet for ABIN1706548  
**anti-LRRC23 antibody (AA 251-343) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	LRRC23
Binding Specificity:	AA 251-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRC23 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

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

Target:	LRRC23
Alternative Name:	LRRC23 ( <a href="#">LRRC23 Products</a> )
Background:	Synonyms: Leucine rich protein B7, Leucine rich repeat containing 23, Leucine rich repeat

## Target Details

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containing protein 23, Lrp7, LRC23\_HUMAN.

Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic  $\alpha$ -helix/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) repeats and one LRRCT domain. LRRC23 exists as two alternatively spliced isoforms and is encoded by a gene mapping to chromosome 12.

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Gene ID: 10233

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1  $\mu\text{g}/\mu\text{L}$

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months