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Datasheet for ABIN6977597

anti-LIM2 antibody (AA 1-100) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | LIM2 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LIM2 antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human LIM2 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | LIM2 |
| Alternative Name: | LIM2 (LIM2 Products) |

Target Details

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|-------------|--|
| Background: | Synonyms: Lens fiber membrane intrinsic protein, Lens intrinsic membrane protein 2 19 kDa, Lens intrinsic membrane protein 2, LIM 2, Lim2, LMIP_HUMAN, MP17, MP18, MP19, MP20, To3. Background: This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataractogenesis. Mutations in this gene have been associated with cataract formation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009] |
| Gene ID: | 3982 |
| UniProt: | P55344 |
| Pathways: | Cell-Cell Junction Organization |

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 |
| 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |