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Datasheet for ABIN1693647

anti-Annexin A13 antibody (AA 241-316) (Alexa Fluor 350)

Overview

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| Quantity: | 100 µL |
| Target: | Annexin A13 (ANXA13) |
| Binding Specificity: | AA 241-316 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Annexin A13 antibody is conjugated to Alexa Fluor 350 |
| 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 Annexin A13 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | Annexin A13 (ANXA13) |
| Alternative Name: | Annexin A13 (ANXA13 Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: ISA, ANX13, Annexin A13, Annexin XIII, Annexin-13, Intestine-specific annexin, ANXA13</p> <p>Background: The Annexins constitute a family of structurally-related, relatively abundant proteins that exhibit Ca²⁺-dependent binding to phospholipids. Annexins function in multiple aspects of cell biology including regulation of membrane trafficking, transmembrane channel activity, inhibition of phospholipase A2, inhibition of coagulation and mediation of cell-matrix interactions. Annexin A13 is considered the original progenitor of the 12 members of vertebrate Annexins. The expression of Annexin A13 is highly tissue-specific, being expressed only in intestinal and kidney epithelial cells. This expression is associated with a highly differentiated intracellular transport function. Two alternative splicing isoforms of Annexin A13 exist, both of which bind to rafts.</p> |
| Gene ID: | 312 |
| UniProt: | P27216 |

Application Details

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|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| 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 |