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Datasheet for ABIN6982452

anti-ACPT antibody (AA 65-160) (Alexa Fluor 750)

Overview

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| Quantity: | 100 µL |
| Target: | ACPT |
| Binding Specificity: | AA 65-160 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ACPT antibody is conjugated to Alexa Fluor 750 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Western Blotting (WB) |

Product Details

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

Target Details

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

Target Details

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| Background: | <p>Synonyms: Acid phosphatase testicular, Testicular acid phosphatase, PPAT_HUMAN.</p> <p>Background: Acid phosphatases are enzymes capable of hydrolyzing orthophosphoric acid esters in an acid medium. This gene is upregulated by androgens and is down-regulated by estrogens in the prostate cancer cell line. ACPT dephosphorylates receptor tyrosine-protein kinase erbB-4 and inhibits the ligand-induced proteolytic cleavage. ACPT is predominantly expressed in testis but exhibits a lower level of expression in testicular cancer tissues than in normal tissues. ACPT has structural similarity to prostatic and lysosomal acid phosphatases. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.</p> |
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| Gene ID: | 93650 |
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Application Details

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| Application Notes: | FCM 1:20-100 |
| | 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 |
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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 |