



Rabbit Anti-Human APC3 Monoclonal Antibody, clone CQ7161 (CABT-Z221R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Immunogen | Synthetic peptide corresponding to PSAP residues within aa1-100 of PSAP was used as an immunogen. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | CQ7161 |
| Purification | ProA affinity purified IgG. |
| Conjugate | Unconjugated |
| Applications | IHC-P Recommended concentration: IHC-P: 1:100-1:200 |
| Molecular Weight | 45 kDa |
| Cellular Localization | Cytoplasm |
| Positive Control | Prostate cancer |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 100 µl |

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| Buffer | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%. |
| Preservative | 0.01% Sodium azide |
| Storage | Store at -20 °C. Avoid freeze/thaw cycles. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | Prostatic Acid Phosphatase (PSAP or PAP) is a member of the histidine acid phosphatase family. It is a non-specific phosphatase that is capable of dephosphorylating tyrosine residues as well as phospholipids under mildly acidic conditions. Prostatic specific acid phosphatase (PSAP) is involved in prostate epithelial differentiation. It is highly expressed in prostate, primary and metastatic carcinoma of the prostate. This marker may be helpful in pinpointing the site of origin in cases of metastatic carcinoma of the prostate, and is considered a more sensitive marker than PSA. |
| Keywords | Prostatic acid phosphatase; PAP; 5'-nucleotidase (EC:3.1.3.5); 5'-NT; Acid phosphatase 3; Ecto-5'- nucleotidase; Thiamine monophosphatase; TMPase; ACP3; ACPP |

GENE INFORMATION

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| Gene Name | APC3 |
| Entrez Gene ID | 55 |
| UniProt ID | P15309 |