



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

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

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

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; ACP3; ACP3

GENE INFORMATION

Gene Name	APC3
Entrez Gene ID	55
UniProt ID	P15309