Datasheet for ABIN716936

anti-ACPT antibody (AA 65-160)

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Overview

Quantity:	100 µL
Target:	ACPT
Binding Specificity:	AA 65-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACPT antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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

Target:	ACPT

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Target Details

Alternative Name:	Acpt (ACPT Products)
Background:	Synonyms: Acid phosphatase testicular, Testicular acid phosphatase, PPAT_HUMAN. 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.
Gene ID:	93650

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Handling

Expiry Date:	12 months

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