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## Datasheet for ABIN716941

# anti-ACPT antibody (AA 65-160) (Cy5.5)

# Overview 100 μL Quantity: Target: **ACPT** Binding Specificity: AA 65-160 Reactivity: Human Host: Rabbit Clonality: Polyclonal This ACPT antibody is conjugated to Cy5.5 Conjugate: Application: Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Western Blotting (WB) **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
Alternative Name:	ACPT (ACPT Products)

### **Target Details**

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:	FCM 1:20-100
	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:	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