SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ACPT/AF647 Conjugated antibody

Catalog Number: SL6289R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ACPT/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human ACPT
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	Flow-Cyt=0.2ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Horse)
Background:	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. **Subcellular Location:** Membrane; Single-pass type II membrane protein (Potential). **Tissue Specificity:** High levels in pancreatic, gastric, colorectal and ampullary cancer. Very weak expression in normal gastrointestinal and urogenital tract. **Similarity:** Belongs to the peptidase S1 family. Contains 1 LDL-receptor class A domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Contains 1 peptidase S1 domain. Contains 1 SRCR domain. **Database links:** UniProtKB/Swiss-Prot: Q9BZG2.1 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.