

ACPT Conjugated Antibody

Catalog No: #C37143



Package Size: #C37143-AF350 100ul #C37143-AF405 100ul #C37143-AF488 100ul
 #C37143-AF555 100ul #C37143-AF594 100ul #C37143-AF647 100ul
 #C37143-AF680 100ul #C37143-AF750 100ul #C37143-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	ACPT Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACPT protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human acid phosphatase, testicular
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	acid phosphatase, testicular; ACPT; PPAT; Testicular acid phosphatase
Accession No.	Swiss-Prot#:Q9BZG2NCBI Gene ID:93650NCBI Protein#:NP_060619
Uniprot	Q9BZG2
GeneID	93650;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Acid phosphatases are enzymes capable of hydrolyzing orthophosphoric acid esters in an acid medium. This gene is up-regulated by androgens and is down-regulated by estrogens in the prostate cancer cell line. This gene exhibits a lower level of expression in testicular cancer tissues than in normal tissues. The protein encoded by this gene has structural similarity to prostatic and lysosomal acid phosphatases. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Note: This product is for in vitro research use only