Anti-ACPT antibody

Cat. No.	ml160944
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ACPT rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human ACPT
Reactivity	Human
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ACPT
Full name	acid phosphatase, testicular
Synonyms	
Swissprot	Q9BZG2

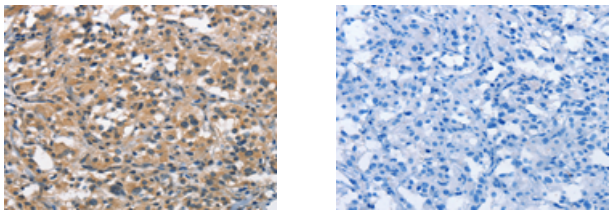
Target Background

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.

Applications

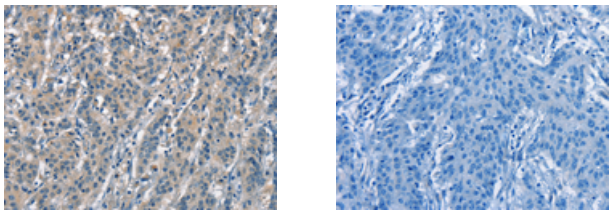
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160944(ACPT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human gastric cancer
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml160944(ACPT Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-2000

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