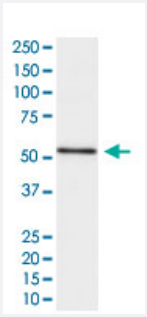
ACPP monoclonal antibody, clone AFFB-1

Catalog # MAB22189 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot (tissue lysate) analysis of human prostate cancer lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human ACPP.
Immunogen	A synthetic peptide corresponding to human ACPP.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human ACPP, in native form and recombinant. Superfamily members of A CPP are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — ACPP

Entrez GeneID	55
Protein Accession#	P15309
Gene Name	ACPP
Gene Alias	ACP-3, ACP3, PAP
Gene Description	acid phosphatase, prostate
Omim ID	171790
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alc ohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epith elial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isofor m has been found for this gene. This isoform contains a transmembrane domain and is localized i n the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq
Other Designations	prostatic acid phosphotase

Pathway

- gamma-Hexachlorocyclohexane degradation
- Riboflavin metabolism

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Disease

- Tobacco Use Disorder

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