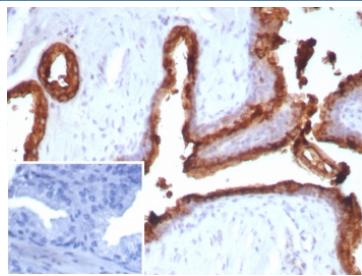


ACP3 Antibody / Acid phosphatase 3 / PSAP [clone ACPP/2472] (V5001)

Catalog No.	Formulation	Size
V5001-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5001-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5001SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ACPP/2472
Purity	Protein A/G affinity
UniProt	P15309
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 minutes at RT
Limitations	This ACP3 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma tissue with ACP3 antibody (clone ACPP/2472). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Recognizes a protein of 52kDa, identified as prostate specific acid phosphatase (PSAP) and Acid phosphatase 3 (ACP3). This enzyme catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized

under androgen regulation and is secreted by the epithelial cells of the prostate gland. PSAP is found in non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no staining in granulocytes, osteoclasts, parietal cells of the stomach, liver cells, renal cell or breast carcinomas.

Application Notes

Optimal dilution of the ACP3 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the ACP3 antibody.

Storage

Aliquot the ACP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.