ACP6 Polyclonal Antibody

Catalog Number:E-AB-15175

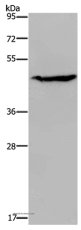
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

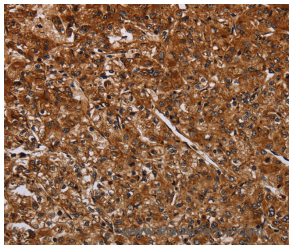
Reactivity	Human
Immunogen	Recombinant protein of human ACP6
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

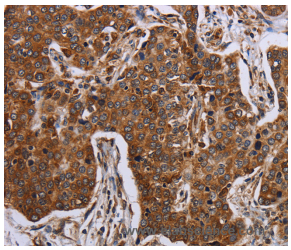
Data



Western Blot analysis of K562 cell using ACP6 Polyclonal Antibody at dilution of 1:200
Calculated Mw:49kDa



Immunohistochemistry of paraffin-embedded Human prostate cancer using ACP6 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human liver cancer using ACP6 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Lysophosphatidic acid phosphatase type 6 (ACP6), also designated acid phosphatase-like protein 1 (ACPL1) or lysophosphatidic acid phosphatase (LPAP), is a 428 amino acid secreted protein that hydrolyzes lysophosphatidic acid to monoacylglycerol. ACP6 is highly expressed in kidney, heart, small intestine, muscle, liver, prostate, testis, ovary and exists as two isoforms as a result of alternative splicing events. The gene encoding ACP6 maps to human chromosome 1,

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the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene of human chromosome 1, which encodes lamin A. Stickler syndrome, Parkinsons, Gaucher disease, familial adenomatous polyposis and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

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