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Images



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Quantity:	200 μL
Target:	ACP6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human ACP6
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ACP6
Alternative Name:	ACP6 (ACP6 Products)
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, 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.

Molecular Weight:

49 kDa

UniProt:

Q9NPH0

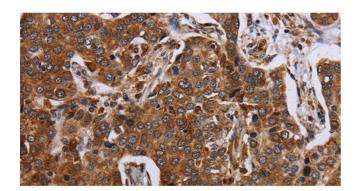
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200

Restrictions: For Research Use only

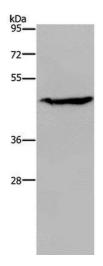
Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



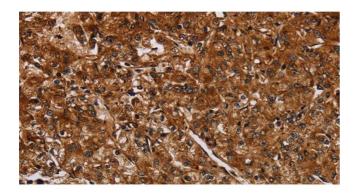
Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 2. Western Blot analysis of K562 cell using ACP6 Polyclonal Antibody at dilution of 1:200



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human prostate cancer using ACP6 Polyclonal Antibody at dilution of 1:30