

For Research Use Only

XYLB Polyclonal antibody

Catalog Number: 26541-1-AP



Basic Information

Catalog Number: 26541-1-AP	GenBank Accession Number: BC137076	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9942	Recommended Dilutions: WB 1:500-1:1000 IHC 1:100-1:400
Source: Rabbit	UNIPROT ID: O75191	
Isotype: IgG	Full Name: xylulokinase homolog (H. influenzae)	
Immunogen Catalog Number: AG19208	Calculated MW: 536 aa, 58 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A431 cells,

IHC : human skin cancer tissue,

Background Information

Human xylulokinase-like protein (XYLB), is a 58 kDa protein belongs to a family of enzymes that include fucokinase, gluconokinase, glycerokinase and xylulokinase. XYLB is a key regulator for controlling metabolic disease. XYLB also plays important roles in energy metabolism. XYLB has 2 isoforms produced by alternative splicing with the MW of 58 and 43 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

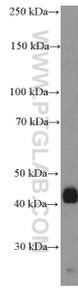
For technical support and original validation data for this product please contact:

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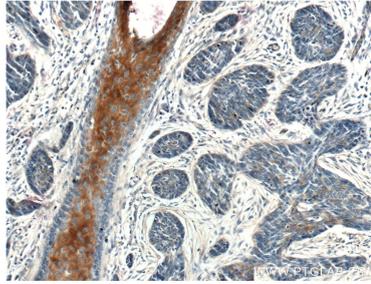
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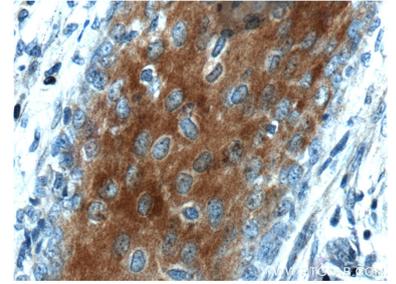
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 26541-1-AP (XYLB Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 26541-1-AP (XYLB Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 26541-1-AP (XYLB Antibody) at dilution of 1:200 (under 40x lens).