

For Research Use Only

XK Polyclonal antibody

Catalog Number:12830-1-AP



Basic Information

Catalog Number: 12830-1-AP	GenBank Accession Number: BC036019	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7504	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:400
Source: Rabbit	UNIPROT ID: P51811	
Isotype: IgG	Full Name: X-linked Kx blood group (McLeod syndrome)	
Immunogen Catalog Number: AG3550	Calculated MW: 444 aa, 51 kDa	
	Observed MW: 45-51 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse pancreas tissue, MCF-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human pancreas cancer tissue,

Background Information

XK, also named as XKR1 and XRG1, is responsible for the Kx blood group system. XK forms a functional complex with the Kell glycoprotein. It represents a crucial factor for the maintenance of normal muscle structure and function.

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

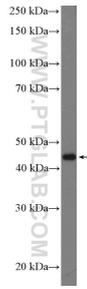
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

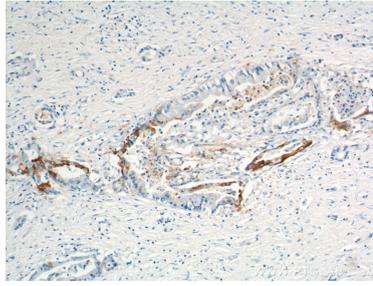
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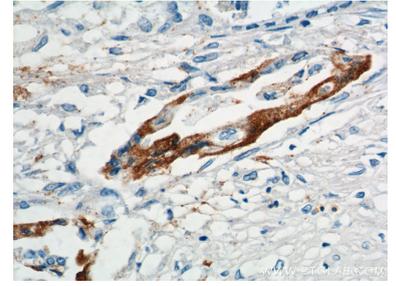
Selected Validation Data



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 12830-1-AP (XK Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12830-1-AP (XK Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12830-1-AP (XK Antibody) at dilution of 1:200 (under 40x lens).