

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 µg/ml by Nanodrop and 207 µg/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	Full Name: X-Linked Kx blood group (McLeod syndrome)	
Isotype: IgG	Calculated MW: 444 aa, 51 kDa	
Immunogen Catalog Number: AG3550	Observed MW: 45-51 kDa	

Applications

Tested Applications: IHC, WB, 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

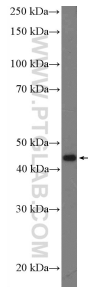
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

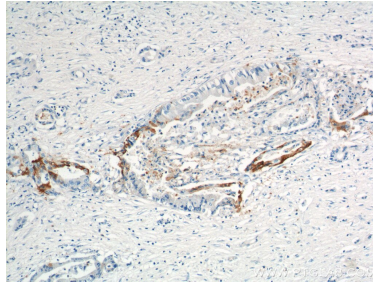
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

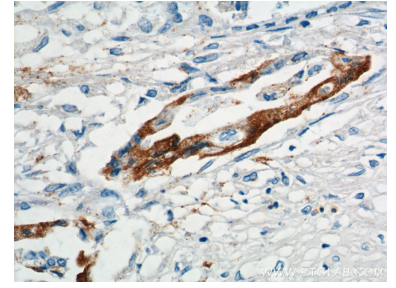
Selected Validation Data



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).