

For Research Use Only

XK Polyclonal antibody

Catalog Number: 12830-1-AP



Basic Information

Catalog Number:

12830-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3550

GenBank Accession Number:

BC036019

GeneID (NCBI):

7504

UNIPROT ID:

P51811

Full Name:

X-linked Kx blood group (McLeod syndrome)

Calculated MW:

444 aa, 51 kDa

Observed MW:

45-51 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:400

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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: mouse pancreas tissue, MCF-7 cells

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

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

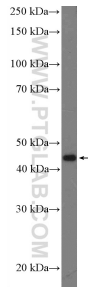
T: 4006900926

E: Proteintech-CN@ptglab.com

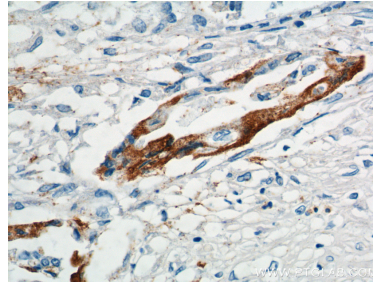
W: ptgcn.com

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

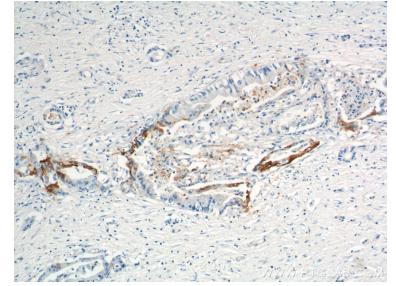
Selected Validation Data



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 40x lens).



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