

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:

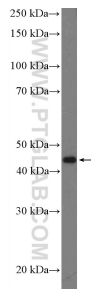
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

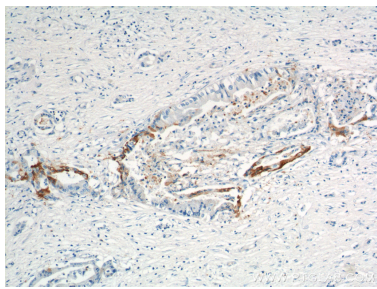
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

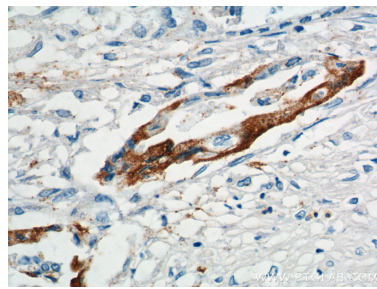
Selected Validation Data



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).