

## Description

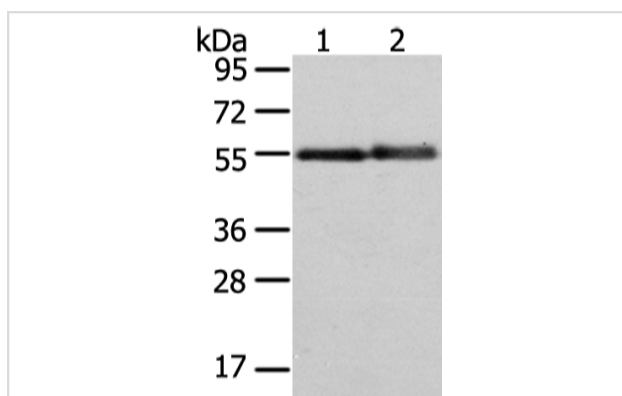
Product Name	XK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total XK protein.
Immunogen Description	Synthetic peptide of human XK
Target Name	XK
Other Names	KX; NA; NAC; X1k; XKR1; MCLDS
Accession No.	Swiss-Prot#: P51811 Gene ID: 7504
Uniprot	P51811
GeneID	7504;
Calculated MW	51kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:20-1:100

## Images



Gel: 8%SDS-PAGE

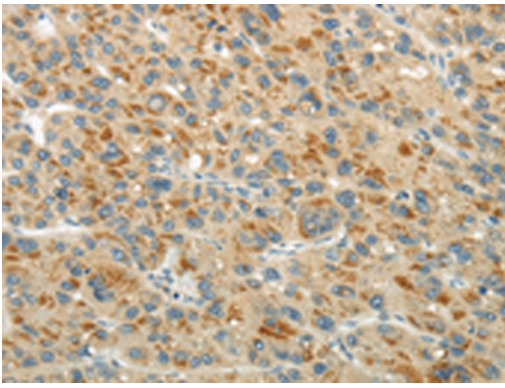
Lysate: 40 µg

Lane 1-2: Human normal liver and placenta tissue

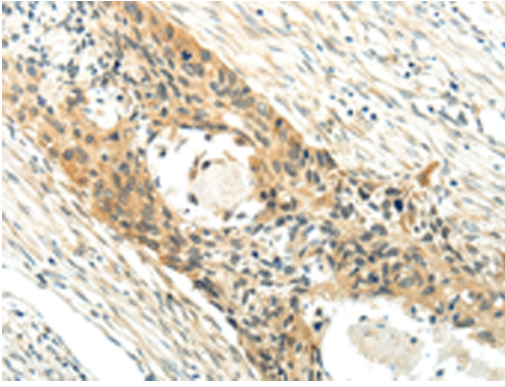
Primary antibody: 1/350 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #43438 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #43438 at dilution 1/20.

## Background

This locus controls the synthesis of the Kell blood group 'precursor substance' (Kx). Mutations in this gene have been associated with McLeod syndrome, an X-linked, recessive disorder characterized by abnormalities in the neuromuscular and hematopoietic systems. The encoded protein has structural characteristics of prokaryotic and eukaryotic membrane transport proteins.?

Note: This product is for in vitro research use only