

XK Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19173A**Specification**

XK Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P51811
Other Accession	Q5GH61 , Q9QXY7 , NP_066569.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50902
Antigen Region	83-111

XK Antibody (N-term) - Additional Information**Gene ID** 7504**Other Names**

Membrane transport protein XK, Kell complex 37 kDa component, Kx antigen, XK-related protein 1, XK, XKR1, XRG1

Target/Specificity

This XK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-111 amino acids from the N-terminal region of human XK.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

XK Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

XK Antibody (N-term) - Protein Information**Name** XK {ECO:0000303|PubMed:8004674, ECO:0000312|HGNC:HGNC:12811}

Function Recruits the lipid transfer protein VPS13A from lipid droplets to the endoplasmic reticulum (ER) membrane.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

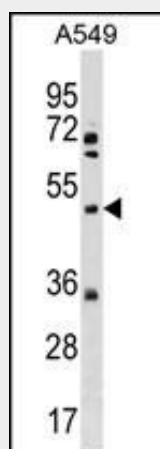
High levels in skeletal muscle, heart, brain, and pancreas; low levels in placenta, lung, liver, and kidney

XK Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

XK Antibody (N-term) - Images



XK Antibody (N-term) (Cat. #AP19173a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the XK antibody detected the XK protein (arrow).

XK Antibody (N-term) - 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.

XK Antibody (N-term) - References

Miranda, M., et al. Mov. Disord. 22(9):1358-1361(2007)
Claperon, A., et al. Brain Res. 1147, 12-24 (2007) :
Walker, R.H., et al. Transfusion 47(2):299-305(2007)
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Jung, H.H., et al. Transfusion 43(7):928-938(2003)