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KX / XK Antibody (aa22-38)
Rabbit Polyclonal Antibody
Catalog # ALS12814

Specification

KX / XK Antibody (aa22-38) - Product Information

Application	**IHC**
Primary Accession	P51811
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51kDa KDa**

KX / XK Antibody (aa22-38) - 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
KLH conjugated synthetic peptide comprising amino acids 22 - 38 [LSLSSTYRSGGDRMWQA] of the human McLeod syndrome-associated Kell blood group protein (XK) protein.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
KX / XK Antibody (aa22-38) is for research use only and not for use in diagnostic or therapeutic procedures.

KX / XK Antibody (aa22-38) - 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

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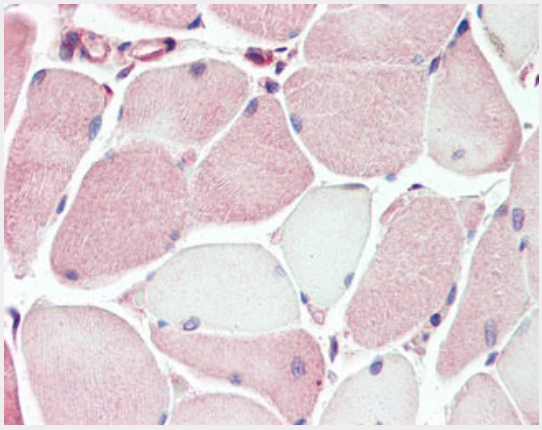
KX / XK Antibody (aa22-38) - Protocols

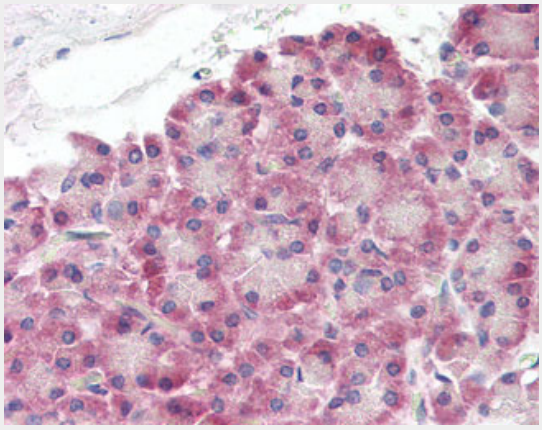
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KX / XK Antibody (aa22-38) - Images



Anti-XK antibody IHC of human skeletal muscle.



Anti-XK antibody IHC of human pancreas.

KX / XK Antibody (aa22-38) - Background

May be involved in sodium-dependent transport of neutral amino acids or oligopeptides.

KX / XK Antibody (aa22-38) - References

Ho M.,et al.Cell 77:869-880(1994).
Ho M.,et al.Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Huang C.-H.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Khamlichi S.,et al.Eur. J. Biochem. 228:931-934(1995).

Russo D.,et al.J. Biol. Chem. 273:13950-13956(1998).