

Datasheet for ABIN2778134

anti-Membrane transport protein XK (XK) (N-Term) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Membrane transport protein XK (XK)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human XK
Sequence:	LHLLQLGPLF RCFEVFCIYF QSGNNEEPYV SITKKRQMPK NGLSEEIEKE
Predicted Reactivity:	Cow: 100%, Dog: 85%, Guinea Pig: 85%, Human: 100%, Mouse: 100%, Rabbit: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against XK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Membrane transport protein XK (XK)
Alternative Name:	XK (XK Products)

Target Details

Background:	<p>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. XK has structural characteristics of prokaryotic and eukaryotic membrane transport proteins. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: KX, X1k, XKR1, MCLDS</p> <p>Protein Interaction Partner: CARD6, NLRC4, INPPL1, CASP1, CLGN, ELAVL1, PRKCA, CSNK2A1, KEL, DYT10,</p> <p>Protein Size: 444</p>
Molecular Weight:	51 kDa
Gene ID:	7504
NCBI Accession:	NM_021083 , NP_066569
UniProt:	P51811

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 444 AA
Restrictions:	For Research Use only

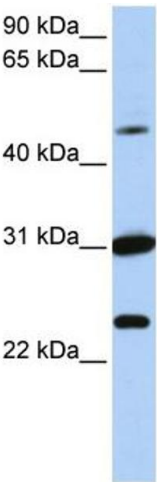
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-XK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: MCF7 cell lysate