NCKX3 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	NCKX3, Polyclonal Antibody
Full Product Name	NCKX3 Polyclonal Antibody
Product Gene Name	anti-NCKX3 antibody
Clonality	Polyclonal
Molecular Weight	71,992 Da
OMIM	609839
3D Structure	ModBase 3D Structure for Q9HC58
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-NCKX3 antibody	MBS8523974 is an antibody targeting NCKX3. Also known as NCKX3 Polyclonal Antibody.
Other Notes	Small volumes of anti-NCKX3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NCKX3. It may not necessarily be applicable to this product.

NCBI GI #	31563526
NCBI GeneID	57419
NCBI Accession #	NP_065740.2
UniProt Primary Accession #	Q9HC58
UniProt Secondary Accession #	Q9BQJ9; Q9BQL7; Q9BQY3; Q9H519; B1AKV7
UniProt Related Accession #	Q9HC58
GenBank Nucleotide #	NM_020689.3
NCBI Official Full Name	sodium/potassium/calcium exchanger 3
NCBI Official Synonym Full Names	solute carrier family 24 member 3
NCBI Official Symbol	SLC24A3
NCBI Official Synonym Symbols	NCKX3
UniProt Protein Name	Sodium/potassium/calcium exchanger 3
UniProt Synonym Protein Names	Na(+)/K(+)/Ca(2+)-exchange protein 3; Solute carrier family 24 member 3
UniProt Gene Name	SLC24A3
UniProt Synonym Gene Names	NCKX3
NCBI Protein Information	sodium/potassium/calcium exchanger 3

NCBI Summary for NCKX3	Plasma membrane sodium/calcium exchangers are an important component of intracellular calcium homeostasis and electrical conduction. Potassium-dependent sodium/calcium exchangers such as SLC24A3 are believed to transport 1 intracellular calcium and 1 potassium ion in exchange for 4 extracellular sodium ions (Kraev et al., 2001 [PubMed 11294880]).[supplied by OMIM, Mar 2008]
UniProt Comments for NCKX3	Transports 1 Ca2+ and 1 K+ in exchange for 4 Na+.
Research Articles on NCKX3	**1.** NCKX3 is abundantly expressed within the human endometrium at the transcriptional and translational levels, and its level is regulated by steroid hormones (particularly estradiol) during the human menstrual cycle.
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