

Datasheet

KLC3 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00147700-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human KLC3 protein.

Immunogen: KLC3 (AAH73841, 1 a.a. ~ 503 a.a) full-length human protein.

Sequence:

MSVQVAAPGSAGLGPERLSPEELVRQTRQVVQGLEA
LRAEHHGLAGHLAEALAGQGPAAGLEMLEEKQQVVS
HSLEAIELGLGEAQVLLALSAHVGALEAEKQRLRSQAR
RLAQENVWLREELEETQRRLRASEESVAQLEEEKRHL
EFLGQLRQYDPPAESQSESPRRDSLASFPEEEEEER
KGPEAAGAAAAQQGGYEIPARLRTLHNLVIQYAGQGR
YEVAVPLCRQALEDLERSSGHCHPDVATMLNILALVYR
DQNKYKEATDLLHDALQIREQTLGPEHPAVAATLNNLA
VLYGKRGRYREAEP LCQRALEIREKVLGADHPDVAKQ
LNNLALLCQNQGKFEDVERHYARALSIYEALGGPHDP
NVAKTKNNLASAYLKQNKYQQAEEELYKEILHKEDLPAP
LGAPNTGTAGDAEQALRRSSSLKIRESIIRRGSEKLVS
RLRGEAAAGAAGMKRAMSLNTLNVDAPRAPGTQFPS
WHLDKAPRTLSASTQDLSPH

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 147700

Gene Symbol: KLC3

Gene Alias: KLC2, KLC2L, KLCt, KNS2B

Gene Summary: This gene encodes a member of the kinesin light chain gene family. Kinesins are molecular motors involved in the transport of cargo along microtubules, and are composed of two kinesin heavy chain (KHC) and two kinesin light chain (KLC) molecules. KLCs are thought to typically be involved in binding cargo and regulating kinesin activity. In the rat, a protein similar to this gene product is expressed in post-meiotic spermatids, where it associates with structural components of sperm tails and mitochondria. [provided by RefSeq]