9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

RNF8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00009025-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human RNF8 protein.

Immunogen: RNF8 (NP_003949.1, 1 a.a. ~ 485 a.a) full-length human protein.

Sequence:
MGEPGFFVTGDRAGGRSWCLRRVGMSAGWLLLEDG
CEVTVGRGFGVTYQLVSKICPLMISRNHCVLKQNPEG
QWTIMDNKSLNGVWLNRARLEPLRVYSIHQGDYIQLG
VPLENKENAEYEYEVTEEDWETIYPCLSPKNDQMIEKN
KELRTKRKFSLDELAGPGAEGPSNLKSKINKVSCESG
QPVKSQGKGEVASTPSDNLDPKLTALEPSKTTGAPIYP
GFPKVTEVHHEQKASNSSASQRSLQMFKVTMSRILRL
KIQMQEKHEAVMNVKKQTQKGNSKKVVQMEQELQDL
QSQLCAEQAQQQARVEQLEKTFQEEEQHLQGLEIAQ
GEKDLKQQLAQALQEHWALMEELNRSKKDFEAIIQAK
NKELEQTKEEKEKMQAQKEEVLSHMNDVLENELQCII
CSEYFIEAVTLNCAHSFCSYCINEWMKRKIECPICRKDI
KSKTYSLVLDNCINKMVNNLSSEVKERRIVLIRERKAKR
LF

Host: Mouse

Reactivity: Human

Applications: IF, 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: In 1x PBS, pH 7.4

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

Entrez GeneID: 9025

Gene Symbol: RNF8

Gene Alias: FLJ12013, KIAA0646

Gene Summary: The protein encoded by this gene contains a RING finger motif and a FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

References:

1. Epstein-Barr virus BZLF1 protein impairs accumulation of host DNA damage proteins at damage sites in response to DNA damage. Yang J, Deng W, Hau PM, Liu J, Lau VM, Cheung AL, Huen MS, Tsao SW. Lab Invest. 2015 Jun 1. [Epub ahead of print]
2. Role of ATM in the Formation of Replication Compartment During Lytic Replication of EBV in Nasopharyngeal Epithelial Cells. Hau PM, Deng W, Jia L, Yang J, Tsurumi T, Chiang AK, Huen MS, Tsao SW J Virol. 2014 Oct 29. pii: JVI.01437-14.
3. The SUMO modification pathway is involved in the BRCA1 response to genotoxic stress. Morris JR, Boutell C, Keppler M, Densham R, Weekes D, Alamshah A, Butler L, Galanty Y, Pangon L, Kiuchi T, Ng T, Solomon E. Nature. 2009 Dec 17;462(7275):886-90.