

Datasheet

APEX1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00000328-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human APEX1 protein.

Immunogen: APEX1 (NP_001632, 1 a.a. ~ 318 a.a) full-length human protein.

Sequence:

MPKRGKKGAVAEDGDELRTPEAKKSKTAAKKNDKE
AAGEGPALYEDPPDHKTSPSGKPATLKICSWNV DGLR
AWIKKKGLDWVKEEAPDILCLQETKCSENKLPAELQEL
PGLSHQYWSAPSDKEGYSGVGLLSRQCPLKVSYGIG
DEEHDQEGRVIVAEFDSFVLVTAYVPNAGRGLVRLEY
RQRWDEAFRFLKGLASRKPLVLCGDLNVAHEEIDLR
NPKGNKKNAGFTPQERQGFGE LLQAVPLADSRHLYP
NTPYAYTFWTYMMNARSKNVGWRLDYFLLSHSLLPAL
CDSKIRSKALGSDHCPITLYLAL

Host: Mouse

Reactivity: Human

Applications: IF, IHC-P, WB-Ti, 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: 328

Gene Symbol: APEX1

Gene Alias: APE, APE-1, APE1, APEN, APEX, APX, HAP1, REF-1, REF1

Gene Summary: Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis,

by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein. [provided by RefSeq]