

## APE1 Recombinant Rabbit mAb

Catalog: BS46639

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Apurinic/aprimidinic (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, Jul 2008]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

36 kDa

### Swiss-Prot:

P27695

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000 IHC: 1:200 ICC/IF: 1:50  
FC: 1:100

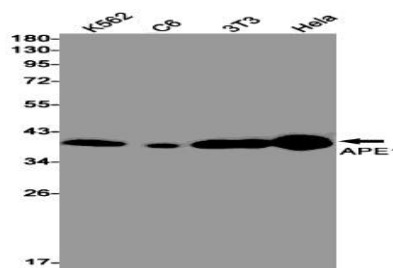
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of APE1 in K562, C6, 3T3, HeLa cell lysates using APE1 antibody (1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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