

## Ref-1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07734
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from human Ref-1 around the non-acetylation site of K6.
<b>Mol wt</b>	35555
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Ref-1 Antibody
<b>Synonyms</b>	APEX1; APE; APE1; APEX; APX; HAP1; REF1; DNA-(apurinic or apyrimidinic site) lyase; APEX nuclease; APEN; Apurinic-apyrimidinic endonuclease I; AP endonuclease I; APE-1; REF-1; Redox factor-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

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. APEX1 encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein.

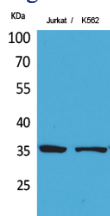
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of Jurkat, K562 cells using Ref-1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year