

Basic Information

Product Name	Anti-APEX1 Antibody
Gene Name	APEX1
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC
Contents	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human APE1
concentration	500 ug/ml
Observed MW	39KD
Dilution Ratios	Western blot (WB): 1:100-400 Immunohistochemistry in paraffin section (IHC):1:10-50

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Ape1 initiates the repair of abasic sites and is essential for the base excision repair (BER) pathway. Repair activities of Ape1 are stimulated by interaction with XRCC1, another essential protein in BER. Ape1 functions as a redox factor that maintains transcription factors in an active, reduced state but can also function in a redox-independent manner as a transcriptional cofactor to control different cellular fates such as apoptosis, proliferation and differentiation.

Selected Validation Data

Product datasheet

Anti-APEX1 Antibody

Catalog Number: **BM5218**

BOSTER

antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn **Phone:** +86 027-67845390 **Fax:** +86 027-67845390 **Email:** boster@boster.com.cn

Western blot analysis of APE1 expression in K562 cell lysate.

