

anti- APEX1 antibody

Product Information

Catalog No.:	FNab00479
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	APEX nuclease (multifunctional DNA repair enzyme) 1
Synonyms:	APE, APE1, APEX, APX, HAP1, REF1
Observed MW:	39 kDa
Uniprot ID :	P27695

Application

Reactivity:	Human
Tested Application:	ELISA, WB, IP, IF
Recommended dilution:	WB: 1:500 - 1:2000; IF: 1:50 - 1:100; IP: 1:50 - 1:200

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Wuhan Fine Biotech Co., Ltd.

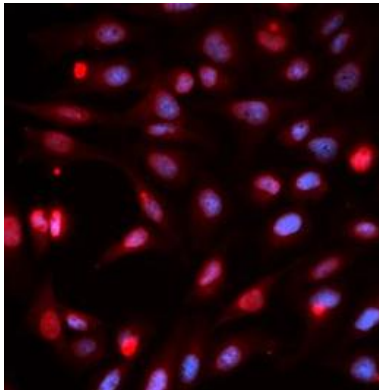
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

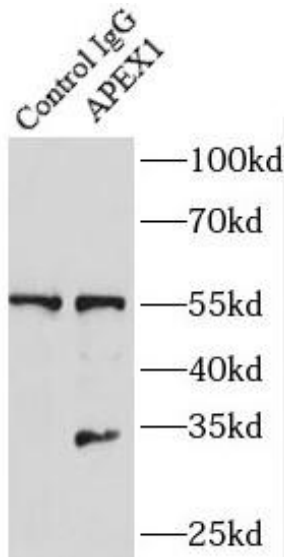
Fax: (0086)027-87800889

www.fn-test.com

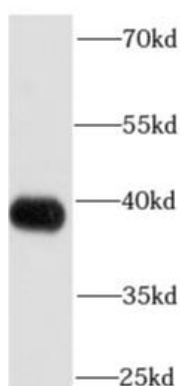
Image:



Immunofluorescence analysis of HeLa cells using FNab00479(APEX1 antibody) at dilution of 1:50



IP Result of anti-APEX1 (IP:FNab00479, 4ug; Detection:FNab00479 1:1000) with HeLa cells lysate 1600ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab00479(APEX1 antibody) at dilution of 1:1000