



[Go to Product page](#)

Datasheet for ABIN7265632
anti-APEX2 antibody (AA 1-180)

Overview

Quantity:	100 µL
Target:	APEX2
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	APEX2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human APEX2 (NP_055296.2).
Sequence:	MLRVVSWNIN GIRRPLQGVA NQEPSNCAAV AVGRILDELD ADIVCLQETK VTRDALTEPL AIVEGYNSYF SFSRNRSGYS GVATFCKDNA TPVAAEEGLS GLFATQNGDV GCYGNMDEFT QEELRALDSE GRALLTQHKI RTWEGKEKTL TLINVYCPHA DPGRPERLVF KMRFYRLLQI
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	APEX2
Alternative Name:	APEX2 (APEX2 Products)
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 a protein shown to have a weak class II AP endonuclease activity. Most of the encoded protein is located in the nucleus but some is also present in mitochondria. This protein may play an important role in both nuclear and mitochondrial base excision repair. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.,APEX2;APE2;APEXL2;XTH2;ZGRF2,Epigenetics & Nuclear Signaling,DNA Damage & Repair,APEX2
Molecular Weight:	57kDa
Gene ID:	27301
UniProt:	Q9UBZ4

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.