

Datasheet for ABIN6579711
anti-APEX1 antibody (acLys6)



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Overview

Quantity:	100 µL
Target:	APEX1
Binding Specificity:	AA 1-50, acLys6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized Acetyl-peptide derived from human APE1 around the Acetylation site of Lys6.
Isotype:	IgG
Specificity:	APE1 (Acetyl-Lys6) Antibody detects endogenous levels of APE1 protein only when acetylated at Lys6. Acetylation: H:K6
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using acetylated peptide. The antibody against non-acetylated peptide was removed by chromatography using corresponding non-acetylated peptide.

Target Details

Target:	APEX1
Alternative Name:	APE1 (APEX1 Products)
Background:	Synonyms: APEX1, APE, APE1, APEX, APX, HAP1, REF1, DNA-(apurinic or apyrimidinic site) lyase, APEX nuclease, APEN, Apurinic-apyrimidinic endonuclease 1, AP endonuclease 1, APE-1, REF-1, Redox factor-1 NCBI Gene Symbol: APEX1
Molecular Weight:	35 kDa
Gene ID:	328
OMIM:	107748
UniProt:	P27695
Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.