

Datasheet for ABIN1533681
anti-APEX1 antibody (AA 191-240)



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1 Image

Overview

Quantity:	100 µL
Target:	APEX1
Binding Specificity:	AA 191-240
Reactivity:	Human, Mouse, Rat
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 peptide derived from human APEX1.
Isotype:	IgG
Specificity:	APEX1 Antibody detects endogenous levels of total APEX1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	APEX1
Alternative Name:	APEX1 (APEX1 Products)
Background:	Synonyms: AP endonuclease 1, APE, APE1, APEN, APEX, APEX nuclease, APEX1, APX, DNA-

Target Details

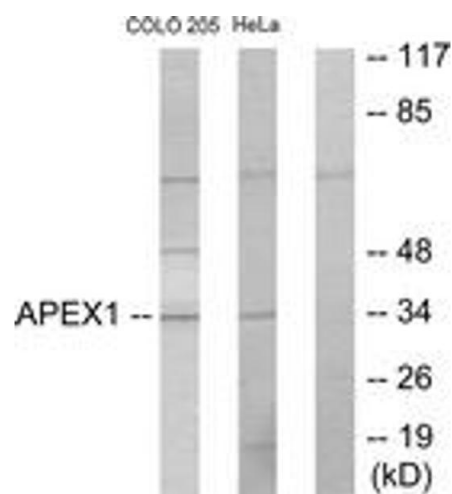
	(apurinic or apyrimidinic site) lyase, HAP1, REF-1 protein, REF1 NCBI Gene Symbol: APEX1
Molecular Weight:	35 kDa
Gene ID:	328
OMIM:	107748
UniProt:	P27695
Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.73722 (NCBI Gene Symbol: APEX1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COLO205/HeLa cells, using APEX1 Antibody. The lane on the right is treated with the synthesized peptide.