

Datasheet for ABIN219055 **anti-APEX1 antibody**

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Overview

Quantity:	100 µL
Target:	APEX1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant human APE. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes human APE. Detects a band of ~37kD by Western Blot. Species cross-reactivity: mouse and rat.
Purification:	Immunoaffinity purified

Target Details

Target:	APEX1
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Target Details

Alternative Name:	APEX1 / APE1 (APEX1 Products)
Background:	Name/Gene ID: APEX1 Synonyms: APEX1, AP endonuclease class I, AP lyase, APE, APE-1, APEN, APE1, APEX nuclease, Redox factor-1, AP endonuclease 1, APEX, APX, Protein REF-1, REF-1, REF1
Gene ID:	328
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:	Approved: ICC (1:100 - 1:200), IHC, IHC-Fr, IHC-P, WB (1:300 - 1:1000) Usage: Suitable for use in Immunocytochemistry, Western Blot and Immunohistochemistry. Also suitable for use in Apoptosis assay (following TUNEL assay using Boehringer-Mannheim TUNEL assay kit). Western Blot: 1:300-1:1000 on HL60 and HeLa cells using ECL. Antibody may be used 1-4X in the binding solution depending on the cells/cell lines. Immunohistochemistry: 1:100-1:200 on frozen and paraffin sections from human and rat tissues. Immunocytochemistry: 1:100-1:200 on cytospin preparations of cells fixed in paraformaldehyde. Apoptosis (TUNEL) assay: perform antibody staining AFTER the. TUNEL assay.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C

Long term: Add glycerol (40-50%) -20°C.