# antibodies - online.com







# anti-APEX2 antibody (AA 143-171)





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Quantity:	400 μL
Target:	APEX2
Binding Specificity:	AA 143-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS),
	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This APEX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 143-171 amino acids from the Central region of human APEX2.
Clone:	RB23043
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

# **Target Details**

Target:	APEX2
Alternative Name:	APEX2 (APEX2 Products)

## **Target Details**

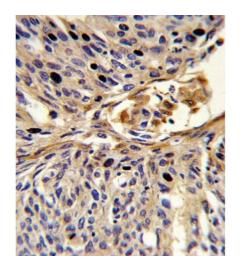
Background:	APEX2 may participate in both nuclear and mitochondrial post-replicative base excision repair (BER). In the nucleus functions in the PCNA-dependent BER pathway.
Molecular Weight:	57401
Gene ID:	27301
NCBI Accession:	NP_055296
UniProt:	Q9UBZ4

### **Application Details**

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

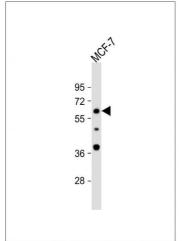
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



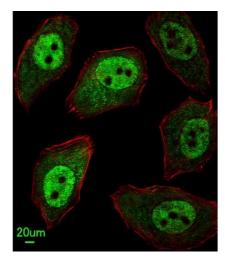
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human lung carcinoma reacted with EX2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### **Western Blotting**

**Image 2.** Anti-EX2 Antibody (Center) at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### **Immunofluorescence**

Image 3. Immunofluorescent analysis of cells, using EX2 Antibody (Center) 8975c. 8975c was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor® 554 (red) conjugated Phalloidin (red).

Please check the product details page for more images. Overall 4 images are available for ABIN652924.