

bs-1406R**[Primary Antibody]****BioSS**
ANTIBODIES

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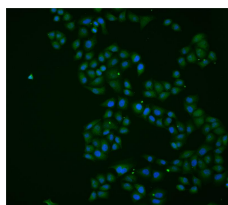
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APEX1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: ICC/IF (1:25)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Chicken, Dog)
GeneID: 328	SWISS: P27695	
Target: APEX1		Predicted MW.: 36 kDa
Immunogen: KLH conjugated synthetic peptide derived from human APEX1: 201-318/318.		Subcellular Location: Cytoplasm ,Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The APEX gene encodes the major AP endonuclease in human cells. It encodes the APEX endonuclease, a DNA repair enzyme with apurinic/aprimidinic (AP) activity. Such AP activity sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. The AP sites are the most frequent pre-mutagenic lesions that can prevent normal DNA replication. Splice variants have been found for this gene; all encode the same protein. Disruptions in the biological functions related to APEX are associated with many various malignancies and neurodegenerative diseases.[provided by RefSeq, Dec 2019]		

— VALIDATION IMAGES —

HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (APEX1) polyclonal Antibody, Unconjugated (bs-1406R) 1:25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.