

APE1 (1B12) Rabbit Monoclonal Antibody

Catalog# UZ-MA00170

Product information

产品货号	UZ-MA00170
别名	DNA-(apurinic or apyrimidinic site) lyase; APEX nuclease; APEN; AP endonuclease 1; APE-1; APEX1; APE; APE1; APEX; APX; HAP1; REF1;
产品名称	APE1 (1B12) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	APEX1
推荐应用	WB,IHC-P,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	328
Human Swissprot No.	P27695
免疫原	A synthetic peptide of human APE1
稀释度	WB 1:2000-1:20000, IHC-P/IF-P 1:100-1:200
参考分子量	36kDa
预测分子量	36kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	APE1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
细胞定位	Nucleus. Nucleus, nucleolus. Nucleus speckle. Endoplasmic reticulum. Cytoplasm. Note=Detected in the cytoplasm of B- cells stimulated to switch (By similarity). Colocalized with SIRT1 in the nucleus. Colocalized with YBX1 in nuclear speckles after genotoxic stress. Together with OGG1 is recruited to nuclear speckles in UV A- irradiated cells. Colocalized with nucleolin and NPM1 in the nucleolus Its nuclear localization is cell cycle dependent and requires active rRNA transcription . Colocalized with calreticulin in the endoplasmic reticulum. Translocation from the nucleus to the cytoplasm is stimulated in presence of nitric oxide (NO) and function in a CRM1- dependent manner, possibly as a consequence of demasking a nuclear export signal (amino acid position 64-80). S-nitrosylation at Cys-93 and Cys-310 regulates its nuclear-cytosolic shuttling. Ubiquitinated form is localized predominantly in the cytoplasm.
Clonality	Monoclonal