

APEX2 Rabbit Polyclonal Antibody

Catalog# UZ-PA00759

Product information

产品货号	UZ-PA00759
别名	APE2;APEXL2;XTH2
产品名称	APEX2 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	APEX2
推荐应用	WB
反应种属	Human,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	27301
Human Swissprot No.	Q9UBZ4
免疫原	Synthesized peptide derived from human APEX2 AA range: 196-246
稀释度	WB 1:500-2000
参考分子量	57kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes a protein shown to have a weak class II AP endonuclease activity. Most of the encoded protein is located in the nucleus but some is also present in mitochondria. This protein may play an important role in both nuclear and mitochondrial base excision repair. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012],
细胞定位	Nucleus. Cytoplasm. Mitochondrion . Together with PCNA, is redistributed in discrete nuclear foci in presence of oxidative DNA damaging agents.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal