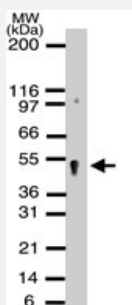


APEX2 polyclonal antibody

Catalog # PAB0203

Size 200 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of APEX2 in HeLa cell lysates using APEX2 polyclonal antibody (Cat # PAB0203) at a dilution of 1 : 500.

Specification

| | |
|----------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of APEX2. |
| Immunogen | A synthetic peptide corresponding to human APEX2. |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Recommend Usage | The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS (0.02% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

Western blot analysis of APEXL2 in HeLa cell lysates using APEX2 polyclonal antibody (Cat # PAB0203) at a dilution of 1 : 500.

Gene Info — APEX2

| | |
|--------------------|--|
| Entrez GeneID | 27301 |
| Gene Name | APEX2 |
| Gene Alias | APE2, APEXL2, XTH2 |
| Gene Description | APEX nuclease (apurinic/aprimidinic endonuclease) 2 |
| Gene Ontology | Hyperlink |
| Gene Summary | <p>Apurinic/aprimidinic (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 (BER). [provided by RefSeq]</p> |
| Other Designations | APEX nuclease-like 2 OTTHUMP00000023390 OTTHUMP00000061908 apurinic/aprimidinic endonuclease 2 apurinic/aprimidinic endonuclease-like 2 |

Pathway

- [Base excision repair](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)