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Recombinant APE1 Monoclonal Antibody

catalog number: AN301791L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human APE1 fragment

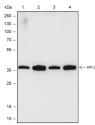
 $\begin{tabular}{ll} \textbf{Host} & Rabbit \\ \textbf{Isotype} & IgG, \kappa \\ \textbf{Clone} & A503 \\ \end{tabular}$

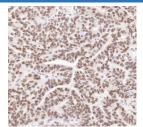
Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:100

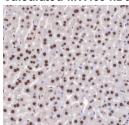
Data

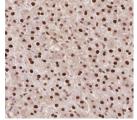




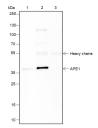
Western Blot with APE1 Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human 1:5000. Lane 1: HEK-293, Lane 2: HepG2, Lane 3: NIH/3T3, ovarian cancer using APE1 Monoclonal Antibody at dilution Lane 4: RAW264.7 of 1:1000.

Observed-MW:37 kDa Calculated-MW:35 kDa





Immunohistochemistry of paraffin-embedded Mouse liver using APE1 Monoclonal Antibody at dilution of 1:1000. Immunohistochemistry of paraffin-embedded Rat liver using APE1 Monoclonal Antibody at dilution of 1:1000.



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Immunoprecipitation analysis using anti-APE1 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using APE1 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: APE1 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:37 kDa Calculated-MW:35 kDa

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

APEX encodes the major AP endonuclease in human cells. It encodes the APEX endonuclease, a DNA repair enzyme with apurinic/apyrimidinic (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.

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