

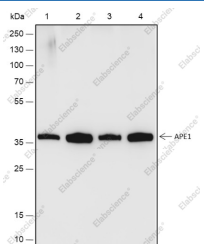
Recombinant APE1 Monoclonal Antibody

catalog number: AN301791L

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

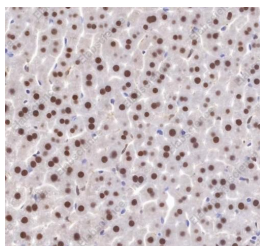
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human APE1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121413
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:100

Data

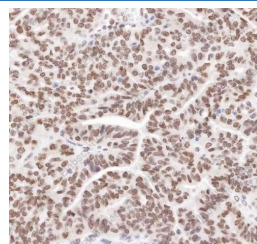


Western Blot with APE1 Monoclonal Antibody at dilution of 1:5000. Lane 1: HEK-293, Lane 2: HepG2, Lane 3: NIH/3T3, Lane 4: RAW264.7

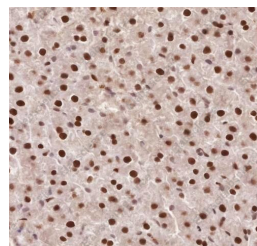
Observed-MW:37 kDa
Calculated-MW:35 kDa



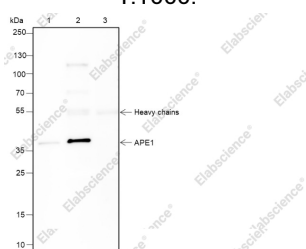
Immunohistochemistry of paraffin-embedded Mouse liver using APE1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human ovarian cancer 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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Rev. V1.3

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 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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