

APEX1 / AP / APEX / Ref-1 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 100801-T46

GENERAL INFORMATION

Immunogen:	A synthetic peptide corresponding to the N-terminus of the Human APEX1 / AP / APEX / Ref-1
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human APEX1 / AP / APEX / Ref-1, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human APEX1 / AP / APEX / Ref-1
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	APE, APE1, APEN, APEX, APX, HAP1, REF1

APPLICATIONS

Applications:	WB, IHC-P, ICC/IF, IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:1000-1:4000
ICC/IF	ICC/IF: 1:300-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 0.5-2 µL/mg of lysate

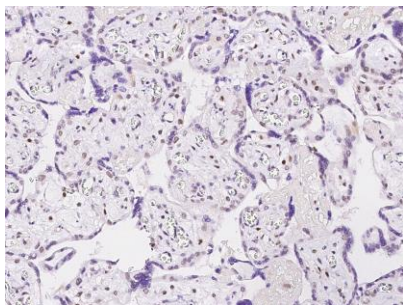
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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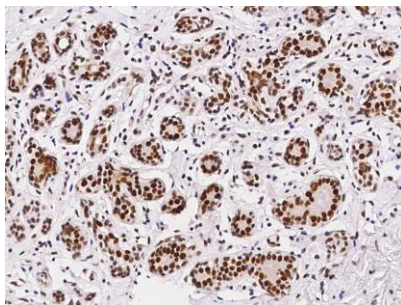


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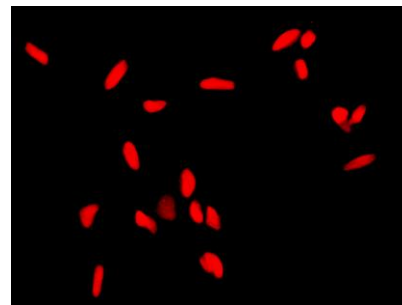
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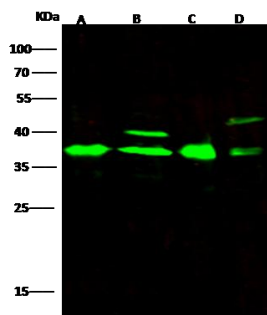
Immunohistochemical staining of human APEX1 in human placenta with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



Immunohistochemical staining of human APEX1 in human breast with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



Immunofluorescence staining of APEX1 in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-human APEX1 polyclonal antibody (1:1000) at 4°C overnight. Then cells were stained with the Alexa Fluor®594-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus.



Anti-APEX1 rabbit polyclonal antibody at 1:500 dilution

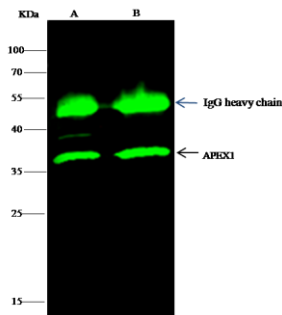
Lane A: A549 Whole Cell Lysate
Lane B: K562 Whole Cell Lysate
Lane C: HepG2 Whole Cell Lysate
Lane D: A431 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 36 kDa
Observed band size: 37 kDa (We are unsure as to the identity of these extra bands.)



APEX1 was immunoprecipitated using:
Lane A: 0.5 mg A549 Whole Cell Lysate
Lane B: 0.5 mg HepG2 Whole Cell Lysate

2 µL anti-APEX1 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein G.

Primary antibody:
Anti-APEX1 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 36 kDa
Observed band size: 36 kDa

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