

Product datasheet for TA308774

APE1 (APEX1) Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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Product Type:Primary AntibodiesApplications:IF, IHC, WBRecommended DilutionICC/IF:1:100:1:1000; IHC:1:100:1:1000; WB:1:500-1:3000Reactivity:Human (Predicted: Pig, Chimpanzee, Rhesus Monkey)Host:RabbitIsotype:OlogloalIsotype:OlogloalClonality:PolyclonalImmunogen:Synthetic peptide corresponding to a region within amino acids 1 and 45 of APE1 (Uniprot ID#P27695)Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Purification:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Purification:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative. <tr< th=""><th></th><th></th></tr<>		
Accommended Dilution:ICC/IF:1100-1:1000; IHC:1:100-1:2000; WB:1:500-1:3000Reactivity:Human (Predicted: Pig, Chimpanzee, Rhesus Monkey)Host:RabbitIsotype:IgGClonality:PolyclonalImmunogen:Synthetic peptide corresponding to a region within amino acids 1 and 45 of APE1 (Uniprot ID#P27695)Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Gongage:Stora et -20°C as received.Storage:Storage:Storage:Stole for 12 months from date of receipt.Predicted Protein Size:36 kDaGene Name:apurinic/apyrimidinic endodeoxyribonuclease 1Database Link:NP 542380 Intrez Gene 328 Human P27695Predicted:Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging	Product Type:	Primary Antibodies
Reactivity:Human (Predicted: Pig, Chimpanzee, Rhesus Monkey)Host:RabbitIsotype:IgGClonality:PolyclonalImmunogen:Synthetic peptide corresponding to a region within amino acids 1 and 45 of APE1 (Uniprot ID#P27695)Formulation:0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.Concentration:0 specificPurification:Affinity purified by Protein A.Conjugation:UnconjugatedStorage:Stora e1.20°C as received.Stability:Stable for 12 months from date of receipt.Predicted Protein Size:Af kDaGene Name:Apurinic/apyrimidinic endodeoxyribonuclease 1Database Link:NP 542380 Entrez Gene 328 Human P27695Background: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 backhone S' to the AP site. This gene encodes the major AP endonucleases human cells. Splice variants have been found for this gene; all encodes the major AP endonucleases formation so the cell phosphodiester backhone Si to the AP site. This gene encodes the major AP endonucleases human cells. Splice variants have been found for this gene; all encodes the major AP endonucleases human cells. Splice variants have been found for this gene; all encodes the major AP endonucleases human cells. Splice variants have been found for this gene; all encodes the major AP endonucleases hu	Applications:	IF, IHC, WB
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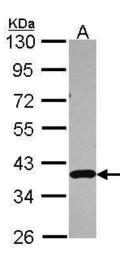
APE1 (APEX1) Rabbit Polyclonal Antibody – TA308774	

Note: Seq homology of immunogen across species: Pig (93%), Rhesus Monkey (100%), Chimpanzee (100%)

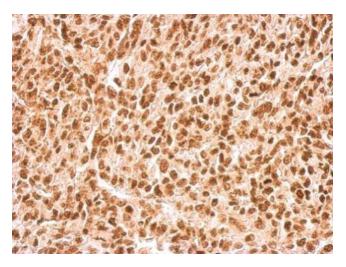
Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Base excision repair

Product images:



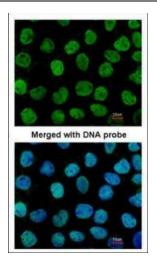
Sample (30 ug of whole cell lysate). A: A549. 10% SDS PAGE. TA308774 diluted at 1:3000.



APE1 antibody [N1], N-term detects APEX1 protein at nucleus on Saos2 xenograft by immunohistochemical analysis. Sample: Paraffinembedded Saos2 xenograft. APE1 antibody [N1], N-term (TA308774) dilution: 1:500.

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Immunofluorescence analysis of paraformaldehyde-fixed A431, using APE1 (TA308774) antibody at 1:200 dilution.

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