A5364

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APTX Rabbit pAb

Catalog No.: A5364

Basic Information

Observed MW
40kDa

Calculated MW
41kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,IP,ELISA

Cross-Reactivity
Human

Background

This gene encodes a member of the histidine triad (HIT) superfamily. The encoded protein may play a role in single-stranded DNA repair through its nucleotide-binding activity and its diadenosine polyphosphate hydrolase activity. Mutations in this gene have been associated with ataxia-ocular apraxia. Alternatively spliced transcript variants have been identified for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

Immunogen Information

Gene ID
54840

Swiss Prot
Q7Z2E3

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 93-342 of human APTX (NP_001182178.1).

Synonyms
AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT; APTX

Contact

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Product Information

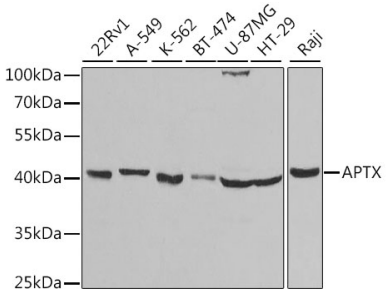
Source
Rabbit

Isotype
IgG

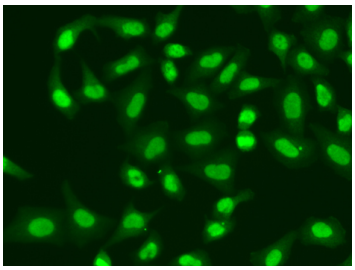
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

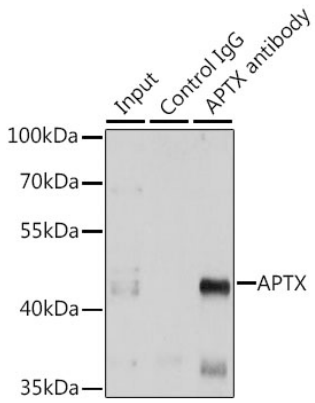
Validation Data



Western blot analysis of various lysates using APTX Rabbit pAb (A5364) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of A549 cells using APTX Rabbit pAb (A5364).Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.



Immunoprecipitation analysis of 150 µg extracts of A549 cells using 3 µg APTX antibody (A5364).
Western blot was performed from the immunoprecipitate using APTX antibody (A5364) at a dilution of 1:500.