

APT_X Rabbit pAb

Catalog No.: A5364

Basic Information

Observed MW

40kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IP

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 APT_X (NP_001182178.1).

Synonyms

AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT; APT_X

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

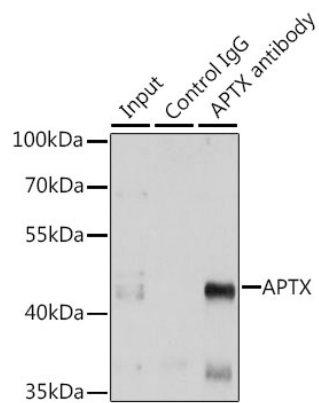
Affinity purification

Storage

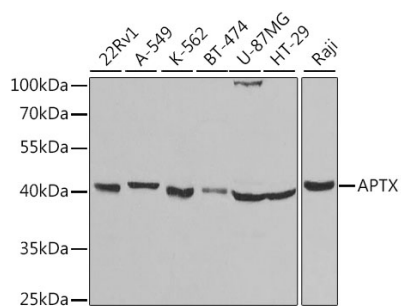
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

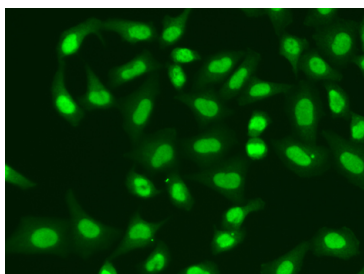
Validation Data



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.



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.