

## Rabbit anti-Human, Mouse APTX Polyclonal Antibody | anti-APTX antibody

APTX Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA279929 | Rabbit | Human, Mouse | Immunoprecipitation, Immunofluorescence, Western Blot |

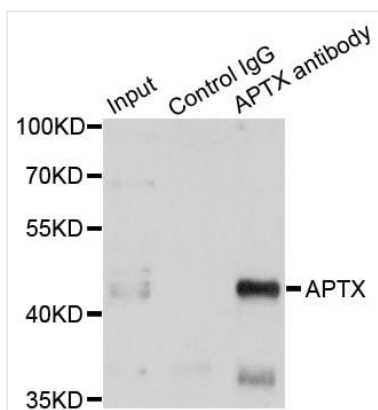
### PRODUCT SYNONYMS

APTX; Polyclonal Antibody; APTX Polyclonal Antibody; AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT; anti-APTX antibody

### PRODUCT SPECIFICATIONS

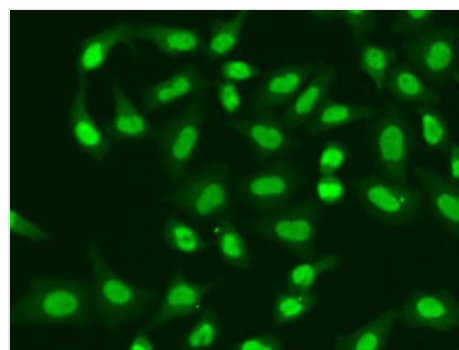
|                                                |                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                              |
| Reactivity                                     | Human, Mouse                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                          |
| Isotype                                        | IgG                                                                                                                 |
| Purity/Purification                            | Affinity Purification                                                                                               |
| Sequence Length                                | 356                                                                                                                 |
| Applicable Applications for anti-APTX antibody | IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)                                                |
| Immunogen                                      | Recombinant fusion protein containing a sequence corresponding to amino acids 93-342 of human APTX (NP_001182178.1) |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                   |
| Calculated MW                                  | 5kDa/13 kDa/19-40 kDa.                                                                                              |
| Observed MW                                    | 40 kDa.                                                                                                             |
| Preparation and Storage                        | Store at -20°C. Avoid freeze / thaw cycles.                                                                         |

### IMAGES



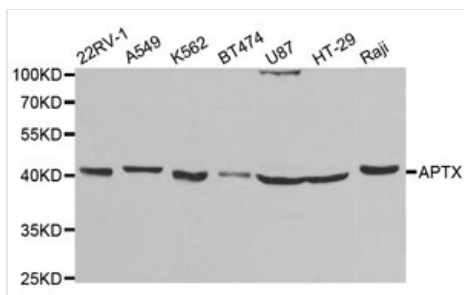
#### IP (Immunoprecipitation)

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



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using APTX antibody.



#### WB (Western Blot)

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

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-APTX antibody</b> | 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. |
| <b>Product Categories/Family for anti-APTX antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                 |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 48428038                                                                                       |
| NCBI GeneID                      | 54840                                                                                          |
| UniProt Accession #              | Q7Z2E3; Q0P662; Q5T781; Q5T782; Q5T784; Q6JV81; Q6JV82; Q6JV85; Q7Z2F3; A8MTN4; D3DRK9; D3DRL0 |
| NCBI Official Full Name          | Aprataxin                                                                                      |
| NCBI Official Synonym Full Names | aprataxin                                                                                      |
| NCBI Official Symbol             | APTX                                                                                           |
| NCBI Official Synonym Symbols    | AOA; AOA1; AXA1; EAOH; EOHA; FHA-HIT                                                           |
| NCBI Protein Information         | aprataxin; forkhead-associated domain histidine triad-like protein                             |
| UniProt Protein Name             | Aprataxin                                                                                      |
| UniProt Gene Name                | <b>APTX</b>                                                                                    |
| UniProt Synonym Gene Names       | AXA1; FHA-HIT                                                                                  |
| UniProt Entry Name               | APTX_HUMAN                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aptx-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/279929>