

Rabbit APTX Polyclonal Antibody | anti-APTX antibody

APTX antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197484	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

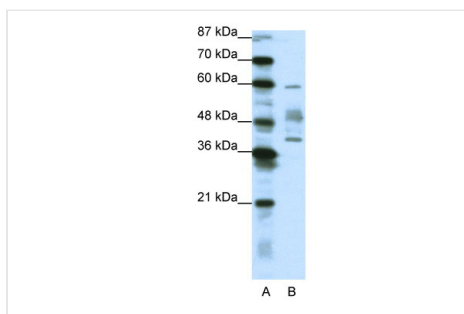
PRODUCT SYNONYMS

APTX; Polyclonal Antibody; APTX antibody - N-terminal region; anti-APTX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MM RVCWLVRQDS RHQRIRLPHL EAVVIGRGPE TKITDKKCSR QQVQLKAE
Sequence Length	342
Applicable Applications for anti-APTX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 85%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APTX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

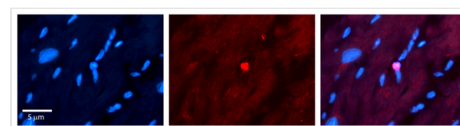
IMAGES



WB (Western Blot)

WB Suggested Anti-APTX Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive

Control: NCI-H226 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-APTX Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Nucleus Primary Antibody Concentration: 1:100 Other Working
Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-APT _X antibody	This is a rabbit polyclonal antibody against APT_X. It was validated on Western Blot using a cell lysate as a positive control. Target Description: APT_X is a member of the histidine triad (HIT) superfamily, some of which have nucleotide-binding and diadenosine polyphosphate hydrolase activities. APT_X may play a role in single-stranded DNA repair. Mutations in this gene have been associated with ataxia-ocular apraxia. This gene encodes a member of the histidine triad (HIT) superfamily, some of which have nucleotide-binding and diadenosine polyphosphate hydrolase activities. The encoded protein may play a role in single-stranded DNA repair. Mutations in this gene have been associated with ataxia-ocular apraxia. Multiple transcript variants encoding distinct isoforms have been identified for this gene, however, the full length nature of some variants has not been determined.
Product Categories/Family for anti-APT _X antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; DNA Damage & Repair; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	28329436
NCBI GeneID	54840
NCBI Accession #	NP_778243
NCBI GenBank Nucleotide #	NM_175073
UniProt Accession #	Q6JV85; Q7Z2E3
Molecular Weight	38kDa
NCBI Official Full Name	aprataxin isoform a
NCBI Official Synonym Full Names	aprataxin
NCBI Official Symbol	APT _X
NCBI Official Synonym Symbols	AOA; AOA1; AXA1; EAOH; EOHA; FHA-HIT
NCBI Protein Information	aprataxin
UniProt Protein Name	Aprataxin
UniProt Gene Name	APT _X
UniProt Entry Name	Q6JV85_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-immunohistochemistry-western-blot-elisa/197484>