

Rabbit APTX Polyclonal Antibody | anti-APTX antibody

APTX antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197483	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit	Western Blot

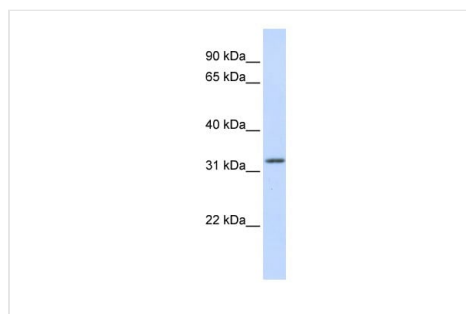
PRODUCT SYNONYMS

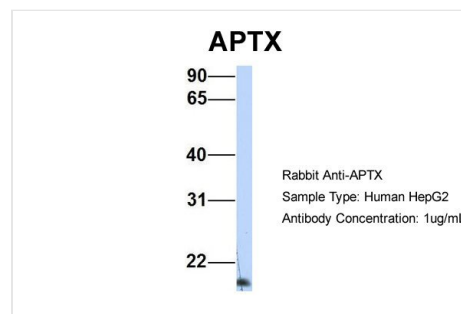
APTX; Polyclonal Antibody; APTX antibody - middle region; anti-APTX antibody

PRODUCT SPECIFICATIONS

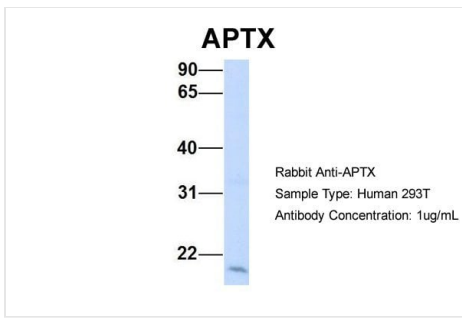
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YP YIVEFEEEEK NPGLETHRKR KRSGNSDSIE RDAAQEAEAG TGLEPGSN
Sequence Length	306
Applicable Applications for anti-APTX antibody	WB (Western Blot)
Homology	Cow: 77%; Dog: 86%; Guinea Pig: 79%; Horse: 92%; Human: 100%; Rabbit: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human Muscle

WB (Western Blot)

Host: Rabbit
Target Name: APTX
Sample Type: Human HepG2
Antibody Dilution: 1.0ug/mL
APTX is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Host: RabbitTarget Name: APTXSample Type: Human 293TAntibody Dilution: 1.0ug/mlAPT X
is supported by BioGPS gene expression data to be expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-APT X antibody	This is a rabbit polyclonal antibody against APTX. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: APTX is a member of the histidine triad (HIT) superfamily, some of which have nucleotide-binding and diadenosine polyphosphate hydrolase activities. The 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. 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 #	28329430
NCBI GeneID	54840
NCBI Accession #	NP_778239
NCBI GenBank Nucleotide #	NM_175069
UniProt Accession #	Q5T782; Q7Z2E3
Molecular Weight	35kDa
NCBI Official Full Name	aprataxin isoform b
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

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-western-blot-elisa/197483>