

Recombinant Human APTX cell lysate

Cat. No. APTX-103HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	APTX aprataxin [Homo sapiens]
Official Symbol	APTX
Synonyms	AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT; aprataxin; forkhead-associated domain histidine triad-like protein

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Gene ID	54840
mRNA Refseq	NM_001195248
Protein Refseq	NP_001182177
MIM	606350
UniProt ID	Q7Z2E3
Chromosome Location	9p13.3
Function	DNA 5'-adenosine monophosphate hydrolase activity; double-stranded DNA binding; phosphoglycolate phosphatase activity

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