

APT_X rabbit monoclonal antibody

Catalog # H00054840-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human APT _X peptide using ARM Technology.
Immunogen	A synthetic peptide of human APT _X is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human APT _X peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — APTX

Entrez GeneID	54840
GeneBank Accession#	APTX
Gene Name	APTX
Gene Alias	AOA, AOA1, AXA1, EAOH, EOAHA, FHA-HIT, FLJ20157, MGC1072
Gene Description	aprataxin
Omim ID	208920 606350 607426
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000021188 ataxia 1, early onset with hypoalbuminemia

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)