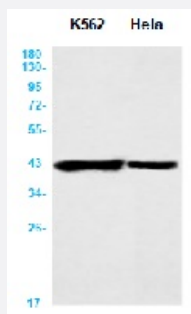


RecomAb™

APTX recombinant monoclonal antibody, clone R03-9F6

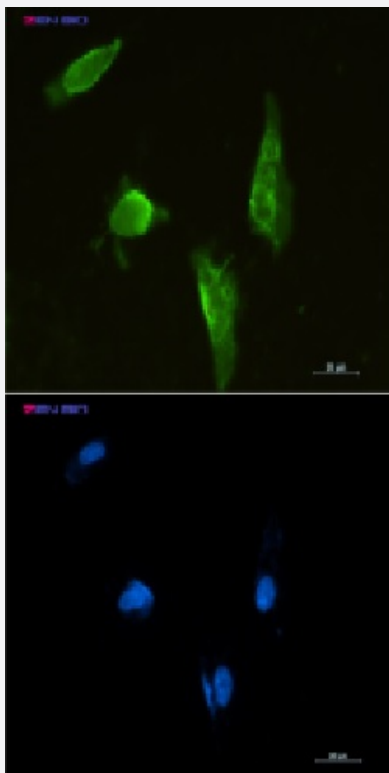
Catalog # RAB01596 Size 100 uL

Applications



Western Blot

Western blot analysis of Aprataxin in K562, HeLa lysates using human Aprataxin recombinant monoclonal antibody, clone R03-9F6 (Cat # RAB01596).



Immunocytochemistry

Immunocytochemistry analysis of Aprataxin (green) in U87-MG using human Aprataxin recombinant monoclonal antibody, clone R03-9F6 (Cat # RAB01596), and DAPI(blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Aprataxin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Aprataxin
Theoretical MW (kDa)	Calculated MW: 41 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Aprataxin in K562, Hela lysates using human Aprataxin recombinant monoclonal antibody, clone R03-9F6 (Cat # RAB01596).

- Immunocytochemistry

Immunocytochemistry analysis of Aprataxin (green) in U87-MG using human Aprataxin recombinant monoclonal antibody, clone R03-9F6 (Cat # RAB01596), and DAPI(blue).

Gene Info — APTX

Entrez GeneID	54840
Protein Accession#	Q7Z2E3
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](#)