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Datasheet for ABIN7144493

anti-Aprataxin antibody (AA 92-161) (FITC)



Overview

Quantity:	100 μg
Target:	Aprataxin (APTX)
Binding Specificity:	AA 92-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aprataxin antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Aprataxin protein (92-161AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Aprataxin (APTX)
Alternative Name:	APTX (APTX Products)
Background:	Background: DNA-binding protein involved in single-strand DNA break repair, double-strand DNA
	break repair and base excision repair. Resolves abortive DNA ligation intermediates formed

either at base excision sites, or when DNA ligases attempt to repair non-ligatable breaks induced by reactive oxygen species. Catalyzes the release of adenylate groups covalently linked to 5\'-phosphate termini, resulting in the production of 5\'-phosphate termini that can be efficiently rejoined. Also able to hydrolyze adenosine 5\'-monophosphoramidate (AMP-NH(2)) and diadenosine tetraphosphate (AppppA), but with lower catalytic activity.

Aliases: AOA 1 antibody, AOA antibody, AOA1 antibody, Aprataxin antibody, Aprataxin homolog antibody, Aptx antibody, APTX_HUMAN antibody, Ataxia 1 early onset with hypoalbuminemia antibody, AXA1 antibody, EAOH antibody, EOAHA antibody, FHA HIT antibody, FHA-HIT antibody, FLJ20157 antibody, Forkhead associated domain histidine triad like antibody, Forkhead associated domain histidine triad like protein antibody, Forkhead-associated domain histidine triad-like protein antibody, MGC1072 antibody

UniProt:

Q7Z2E3

Pathways:

DNA Damage Repair, Chromatin Binding

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.