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Datasheet for ABIN7144494

**anti-Aprataxin antibody (AA 92-161) (HRP)**

## 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 HRP |
| Application:         | ELISA  |

## 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 ( <a href="#">APTX Products</a> )   |
| 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 |

## Target Details

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, Ataxia1 early onset with hypoalbuminemia antibody, AXA 1 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

Application Notes: Optimal working dilution should be determined by the investigator.

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.