

Datasheet for ABIN7144491
anti-Aprataxin antibody (AA 92-161)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Aprataxin (APTX)
Binding Specificity:	AA 92-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aprataxin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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

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: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

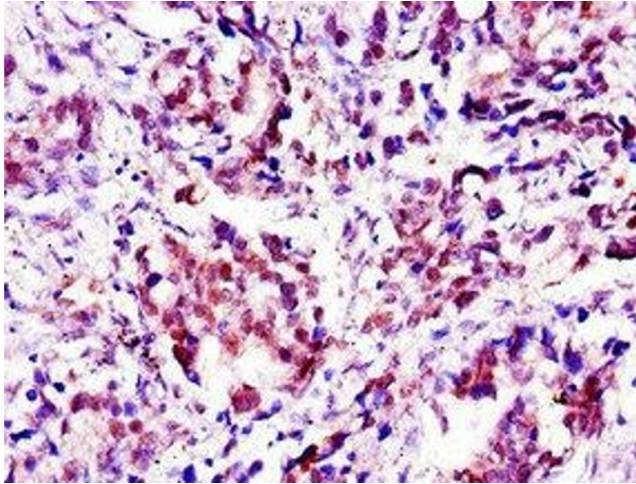
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7144491 at dilution of 1:100