

anti- APTX antibody

Product Information

Catalog No.:	FNab10359
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

APT_X, also named as Aprataxin, is a nuclear protein, present in both the nucleoplasm and the nucleolus, which is a member of the histidine triad (HIT) superfamily. APT_X is involved in DNA single-strand break repair, mediating protein-protein interactions with molecules responding to DNA damage. APT_X contains three conserved domains: an N-terminal forkhead-associated (FHA) domain which mediates protein-protein interactions, a HIT domain that is similar to Hint, and a C-terminal zinc finger domain. Loss of function mutations in APT_X, the gene encoding for Aprataxin, destabilize the Aprataxin protein and result in a rare neurological disorder known as ataxia-oculomotor apraxia, characterized by abnormal movements of the head and eyes.

Immunogen information

Immunogen:	aprataxin
Synonyms:	AOA, AOA1, aprataxin, APTX, AXA1, EAOH, EOAHA, FHA HIT
Observed MW:	40 kDa
Uniprot ID :	Q7Z2E3

Application

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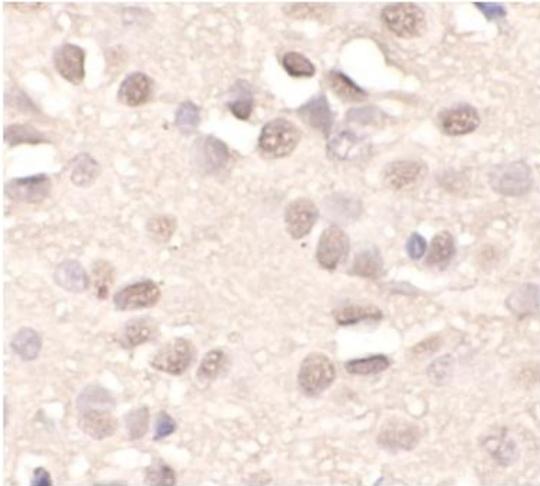
www.fn-test.com

Reactivity: Human

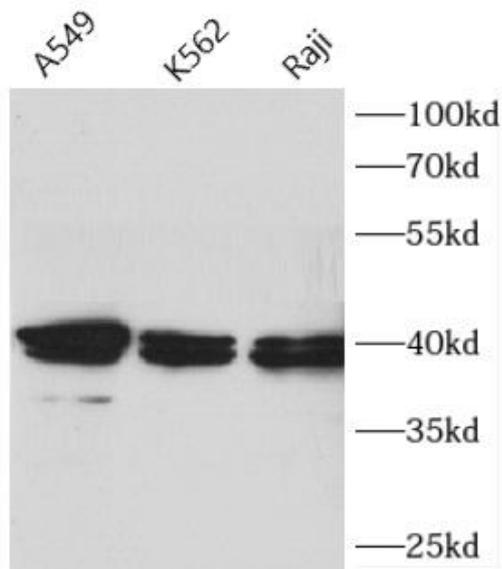
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:20 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat brain using FNab10359(APTX antibody) at dilution of 1:100



Various lysates were subjected to SDS PAGE followed by western blot with FNab10359(APTX antibody) at dilution of 1:1000