

Nur für Forschungszwecke

APT_X Polyklonaler Antikörper

Katalog-Nr.:26747-1-AP



Allgemeine Informationen

Katalog-Nr.: 26747-1-AP	GenBank-Zugangsnummer: BC104881	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 650 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 54840	Empfohlene Verdünnungen: WB 1:500-1:2000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: aprataxin	
Isotyp: IgG	Berechnete Masse: 342 aa, 39 kDa	
Immunogen Katalognummer: AG24945	Beobachtete Masse: 39 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : HEK-293T-Zellen, HepG2-Zellen
Getestete Reaktivität: Human	IF : HepG2-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

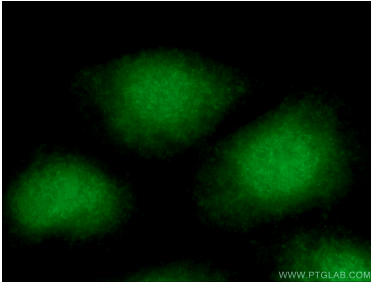
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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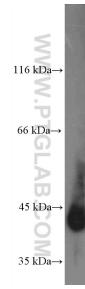
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Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 26747-1-AP (APTX antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



HEK-293T cells were subjected to SDS PAGE followed by western blot with 26747-1-AP (APTX Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.