AKAP8L Polyclonal antibody

Catalog Number:**10103-1-AP**

Featured Product   **2 Publications**

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Basic Information

Catalog Number:
10103-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0145

GenBank Accession Number:
BC000713

GeneID (NCBI):
26993

UNIPROT ID:
Q9ULX6

Full Name:
A kinase (PRKA) anchor protein 8-like

Calculated MW:
72 kDa

Observed MW:
72 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IF/ICC 1:20-1:200

Applications

Tested Applications:
WB, IF/ICC, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Positive Controls:
WB : PC-3 cells,
IF/ICC : HEK-293 cells,

Background Information

AKAP8L, also named as NAKAP, or NAKAP95, is a 646 amino acid protein, which contains two C2H2 AKAP95-type zinc fingers and belongs to the AKAP95 family. AKAP8L localizes in the nucleus matrix and is expressed in the brain cortex. AKAP8L could play a role in constitutive transport element (CTE)-mediated gene expression. AKAP8L may be involved in nuclear envelope breakdown and chromatin condensation. It also may regulate the initiation phase of DNA replication when associated with TMPO-beta.

Notable Publications

Author	Pubmed ID	Journal	Application
Tanzina Tanu	34470577	RNA Biol	WB
Li Xing	25034436	Retrovirology	WB

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
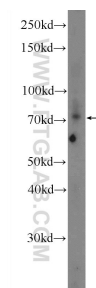
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

PC-3 cells were subjected to SDS PAGE followed by western blot with 10103-1-AP (AKAP8L Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.
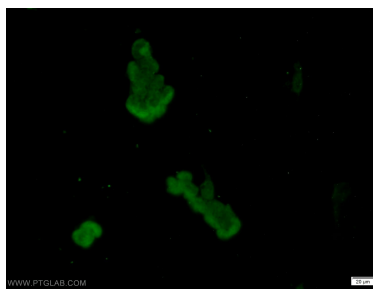
Immunofluorescent analysis of HEK-293 cells using 10103-1-AP (AKAP8L antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).