

AHCYL1 Polyclonal Antibody

Catalog number: 10658-3-AP

Size: 20 µg/150 µl

Source: Rabbit

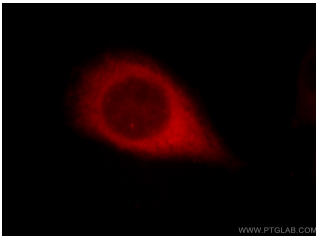
Isotype: IgG

Synonyms:

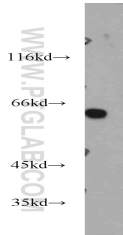
AHCYL1; AdoHcyase 2,

AHCYL1, DCAL, IRBIT,

PRO0233, XPVKONA



Immunofluorescent analysis of HeLa cells, using AHCYL1 antibody 10658-3-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Jurkat cells were subjected to SDS PAGE followed by western blot with 10658-3-AP(AHCYL1 antibody) at dilution of 1:1000

Background

S-adenosylhomocysteine hydrolase-like protein 1 (AHCYL1), also known as IP3 receptor-binding protein released with IP3 (IRBIT), regulates IP3-induced Ca²⁺ release into the cytoplasm of cells(PMID:23145124). This protein is also named as DCAL, XPVKONA and belongs to the adenosylhomocysteinase family. AHCYL1 mRNA and protein are most abundant in the glandular epithelium of adenocarcinoma of cancerous, but not normal and AHCYL1 protein is predominantly in the nucleus(PMID:22826361). It has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated AHCYL1 MW:	65kd
Observed AHCYL1 MW:	60kd
Positive WB detected in	Jurkat cells, HeLa cells, mouse thymus tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1017
GenBank accession number:	BC007576
Gene ID (NCBI):	10768
Full name:	S-adenosylhomocysteine hydrolase-like 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.