USA: proteintech@ptglab.com

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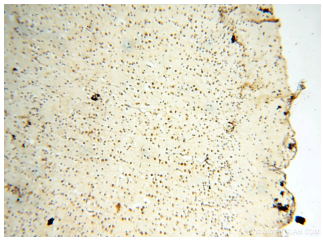
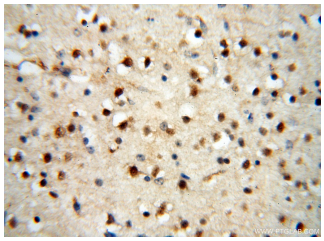
AADACL1 Polyclonal Antibody

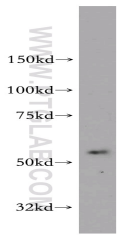
Catalog number: 14021-1-AP
Size: 27 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
AADACL1; AADACL1, KIAA1363, KIAA1363, NCEH1,NCEH, NCEH, NCEH1



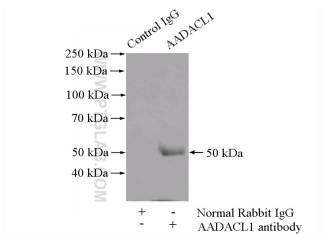
Immunohistochemical of paraffin-embedded human brain using 14021-1-AP(AADACL1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human brain using 14021-1-AP(AADACL1 antibody) at dilution of 1:50 (under 40x lens)



COLO 320 cells were subjected to SDS PAGE followed by western blot with 14021-1-AP(AADACL1 antibody) at dilution of 1:500



IP Result of anti-AADACL1 (IP:14021-1-AP, 4ug;

Background

AADACL1(Arylacetamide deacetylase-like 1) is also named as NCEH1, KIAA1363 and belongs to the 'GDXG' lipolytic enzyme family. The transmembrane enzyme, AADACL1, controls the production of the monoalkylglycerol ether (MAGE) class of NELs in cancer cells and acts as a 2-acetyl MAGE hydrolase and is likely the principal source for this activity in tumor cells(PMID:21513884). The full length protein has three glycosylation sites and can be N-glycosylated(PMID:19159218). It has 3 isoforms produced by alternative splicing.

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated AADACL1 MW:	**46 kDa**
Observed AADACL1 MW:	**55 kDa**
Positive WB detected in	**COLO 320 cells**
Positive IP detected in	**COLO 320 cells**
Positive IHC detected in	**Human brain tissue, human kidney tissue, human lung tissue, human ovary tissue, human skin tissue, human spleen tissue**
Recommended dilution:	**WB: 1:200-1:2000** **IP: 1:200-1:2000** **IHC: 1:20-1:200**

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

Immunogen information

Immunogen:	**Ag5136**
GenBank accession number:	**BC047588**
Gene ID (NCBI):	**57552**
Full name:	**Arylacetamide deacetylase-like 1**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

Detection:14021-1-AP 1:500)
with COLO 320 cells lysate
400ug.