

## PHACS Polyclonal Antibody

Catalog number: 11491-1-AP

Size: 45 µg/150 µl

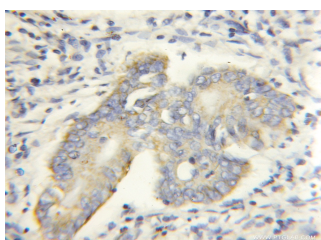
Source: Rabbit

Isotype: IgG

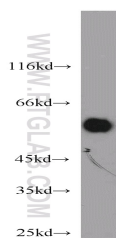
Synonyms:

ACCS; ACC synthase like protein

1, ACCS, ACS, PHACS



Immunohistochemical of paraffin-embedded human colon cancer using 11491-1-AP (ACCS antibody) at dilution of 1:50 (under 40x lens)



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 11491-1-AP (ACCS antibody) at dilution of 1:1000

### Background

ACCS (1-aminocyclopropane-1-carboxylate synthase-like protein 1) is also named as PHACS and belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family. The deduced 501-amino acid protein has a calculated molecular mass of 58 kD. It contains overlapping aminotransferase I and beta-eliminating lyase domains, and it shares structural similarity with aspartate aminotransferase, tyrosine aminotransferase, and enzymes that catalyze beta-elimination reactions on amino acids.

### Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PHACS MW:	501aa, 57 kDa
Observed PHACS MW:	57 kDa
Positive WB detected in	MDA-MB-453s cells, HeLa cells, mouse testis tissue
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

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

### Immunogen information

Immunogen:	Ag2056
GenBank accession number:	BC020197
Gene ID (NCBI):	84680
Full name:	1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis) (non-functional)

### Product information

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