

## ACC1 antibody

### Product Information

Catalog No.:	FNab10685
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9D2
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

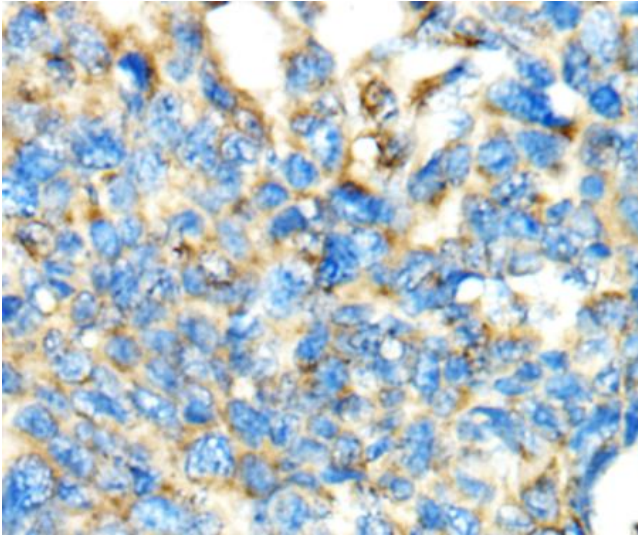
ACACA(Acetyl-CoA carboxylase 1, ACC), also named as ACAC, ACC1 and ACCA, belongs to the biotin containing enzyme family. It catalyzes the synthesis of malonyl-CoA, which is an intermediate substrate playing a pivotal role in the regulation of fatty acid metabolism and energy production. ACACA is involved in the biosynthesis of fatty acids, and malonyl-CoA produced is used as a building block to extend the chain length of fatty acids by fatty acid synthase(FAS)(PMID:19900410). It has 4 isoforms produced by alternative promoter usage with the molecular weight between 260 kDa and 270 kDa.

### Immunogen information

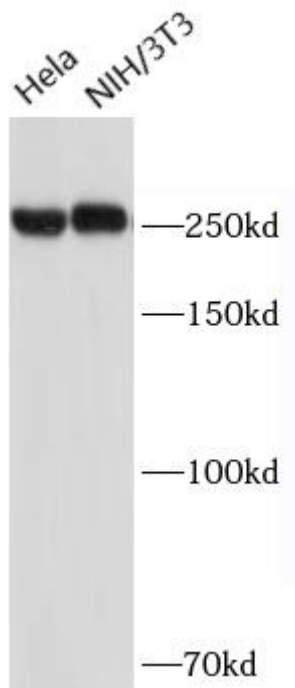
Immunogen:	acetyl-Coenzyme A carboxylase alpha
Synonyms:	ACACA Synonyms ACAC, ACACA, ACC, ACC1, ACCA, Acetyl CoA carboxylase 1
Observed MW:	270 kDa
Uniprot ID :	Q13085

### Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:WB:	1:2000-1:10000; IHC: 1:100-1:500
Image:	



Immunohistochemistry of paraffin-embedded human breast cancer using FNab10685(ACC1 antibody) at dilution of 1:200



various lysates were subjected to SDS PAGE followed by western blot with FNab10685(ACC1 antibody) at dilution of 1:2000