

Website: www.upingBio.com

## ACCa Polyclonal Antibody

Catalog No	YP-Ab-02464
Isotype	lgG
Reactivity	Human;Mouse;Rat;Bovine;Canine
Applications	WB;IHC;IF;ELISA
Gene Name	ACACA
Protein Name	Acetyl-CoA carboxylase 1
Immunogen	The antiserum was produced against synthesized peptide derived from human Acetyl-CoA Carboxylase. AA range:46-95
Specificity	ACCa Polyclonal Antibody detects endogenous levels of ACCa protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACACA; ACAC; ACC1; ACCA; Acetyl-CoA carboxylase 1; ACC1; ACC-alpha
Observed Band	265kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Expressed in brain, placenta, skeletal muscle, renal, pancreatic and adipose tissues; expressed at low level in pulmonary tissue; not detected in the liver.

し か の は 品 生 し し pingB	物 io
Uping B	io

## UpingBio technology Co.,Ltd

😮 Tel: 400-999-8863 📼 Email:Upingbio.163.com

BackgroundAcetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system.<br/>ACC is a biotin-containing enzyme which catalyzes the carboxylation of<br/>acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. There are<br/>two ACC forms, alpha and beta, encoded by two different genes. ACC-alpha is<br/>highly enriched in lipogenic tissues. The enzyme is under long term control at the<br/>transcriptional and translational levels and under short term regulation by the<br/>phosphorylation/dephosphorylation of targeted serine residues and by allosteric<br/>transformation by citrate or palmitoyl-CoA. Multiple alternatively spliced transcript<br/>variants divergent in the 5&apos; sequence and encoding distinct isoforms have<br/>been found for this gene. [provided by RefSeq, Jul 2008],matters needing<br/>attentionAvoid repeated freezing and thawing!Usage suggestionsThis product can be used in immunological reaction related experiments. For<br/>more information, please consult technical personnel.

Website: www.upingBio.com



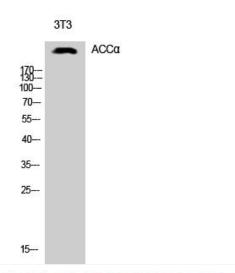
## UpingBio technology Co.,Ltd

😮 Tel: 400-999-8863 📼 Email:Upingbio.163.com



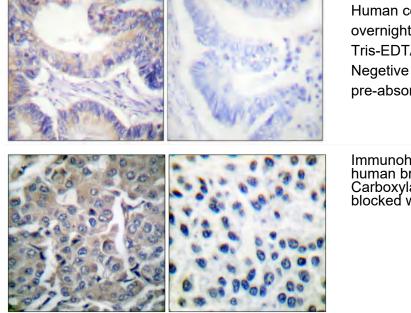
## **Products Images**

Western Blot analysis of 3T3 cells using ACCα Polyclonal Antibody



Western Blot analysis of NIH-3T3 cells using ACCα

Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Acetyl-CoA Carboxylase Antibody. The picture on the right is blocked with the synthesized peptide.



-- 95

-- 72 (kD)