

Goat ACACB / ACC2 Polyclonal Antibody | anti-ACACB antibody

Goat Polyclonal to Mouse ACACB / ACC2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52371	Goat	Mouse, Human, Monkey, Rat, Bat	ELISA, Immunohistochemistry

PRODUCT SYNONYMS

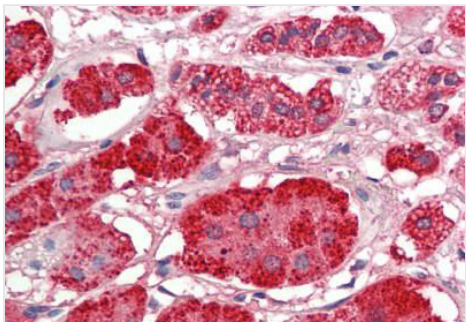
ACACB / ACC2; Polyclonal Antibody; Goat Polyclonal to Mouse ACACB / ACC2; Anti-ACACB / ACC2 Antibody (Internal) IHC-plus; ACACB; ACCB; ACC-beta; ACC2; Acetyl-CoA carboxylase 2; Acetyl-CoA carboxylase beta; HACC275; Mouse ACACB; anti-ACACB antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse, Human, Monkey, Rat, Bat
Clonality	Polyclonal
Specificity	Mouse ACACB / ACC2.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH 7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	2458
Applicable Applications for anti-ACACB antibody	ELISA, IHC (Immunohistochemistry)
Epitope	aa217-231
Immunogen Species	ACACB / ACC2 antibody was raised against Mouse.
Immunogen	Peptide with sequence C-TLNVQESGRVKYIKR, from the internal region of the protein sequence according to NP_598665.2.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store at -20°C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-ACACB / ACC2 antibody IHC staining of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134142062
NCBI GeneID	32
NCBI Accession #	NP_001084.3
NCBI GenBank Nucleotide #	NM_001093.3
UniProt Accession #	O00763; Q16852; Q1HEC1; Q6KE87; Q6KE89; Q6TY48; A6NK36
NCBI Official Full Name	acetyl-CoA carboxylase 2
NCBI Official Synonym Full Names	acetyl-CoA carboxylase beta
NCBI Official Symbol	ACACB
NCBI Official Synonym Symbols	ACC2; ACCB; HACC275
NCBI Protein Information	acetyl-CoA carboxylase 2; ACC-beta; acetyl-Coenzyme A carboxylase beta
UniProt Protein Name	Acetyl-CoA carboxylase 2
UniProt Gene Name	ACACB
UniProt Synonym Gene Names	ACC2; ACCB
UniProt Entry Name	ACACB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/acacb-acc2-antibody-immunohistochemistry-elisa/52371>