

Rabbit Acinus Polyclonal Antibody | anti-ACIN1 antibody

Phospho-Acinus (Ser1180) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329782	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Acinus; Polyclonal Antibody; Phospho-Acinus (Ser1180) Antibody; ACIN 1; ACIN1; ACINU_HUMAN; ACN; Apoptotic chromatin condensation inducer 1; Apoptotic chromatin condensation inducer in the nucleus; DKFZp667N107; fSAP152; functional spliceosome-associated protein 152; KIAA0670; arginine/serine-rich 15; CTD-binding SR-like protein RA4; DKFZp434E098; FLJ23364; KIAA1172; Pre mRNA splicing SR protein RA4; SCAF4; SFR15_HUMAN; Splicing factor; Splicing factor arginine/serine rich 15; Splicing factor serine alanine 15; SR like CTD associated factor 4; SR-related and CTD-associated factor 4; SRA4; CAPER alpha; CAPER; CAPERalpha; CC1.3; Coactivator of activating protein 1 and estrogen receptors; Coactivator of AP1 and ERs; DKFZp781C0423; FLJ44170; HCC 1; Hepatocellular carcinoma protein 1; RBM 39; RBM39; RBM39_HUMAN; RNA binding motif protein 39; RNA binding region (RNP1 RRM) containing 2; RNA binding region containing 2; RNA binding region containing protein 2; RNA-binding motif protein 39; RNA-binding protein 39; RNA-binding region-containing protein 2; RNPC 2; RNPC2; Splicing factor CC1.3; Splicing factor CC1.4; Splicing factor HCC 1; Splicing factor HCC1; Transcription coactivator CAPER; anti-ACIN1 antibody

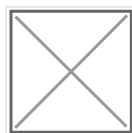
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-Acinus (Ser1180) Antibody detects endogenous levels of Acinus only when phosphorylated at Ser1180. Tissue Specificity: Widely expressed. Highly expressed in pancreas, skeletal muscle, lung and brain. Expressed at intermediate level in kidney, liver and heart.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ACIN1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Acinus around the phosphorylation site of Ser1180.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylation on Ser-1180 by SRPK2 up-regulates its stimulatory effect on cyclin A1. Undergoes proteolytic cleavage; the processed form is active, contrary to the uncleaved form.
Subunit Structure	Interacts with NCOA6 and JUN. Interacts with ESR1 and ESR2, in the presence of estradiol (E2) (By similarity). Interacts with RSRC1 (via Arg/Ser-rich domain). Interacts with SF3B1. Interacts with ZNF106 (via N-terminus) (By similarity).
Similarity	Belongs to the splicing factor SR family.
Subcellular Location	Nucleus speckle. Note: Concentrated in nuclear speckles. Colocalizes with the core spliceosomal snRNP proteins.

Preparation and Storage

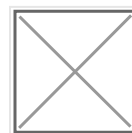
Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



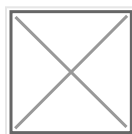
IHC (Immunohistochemistry)

At 1/200 staining Human gastric cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



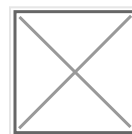
IHC (Immunohistochemistry)

At 1/200 staining Mouse brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

Staining Rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Acinus (Phospho-Ser1180) using Insulin treated HT29 whole cell lysates. -/+ means absence or presence of N peptide (non-phospho peptide) and P peptide (phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-ACIN1 antibody

Transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1 (By similarity). May be involved in pre-mRNA splicing process.

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153407
NCBI GeneID	22985
UniProt Accession #	Q9UKV3; O95104; Q8TF01; Q14498
Molecular Weight	1341
NCBI Official Full Name	Apoptotic chromatin condensation inducer in the nucleus
NCBI Official Synonym Full Names	apoptotic chromatin condensation inducer 1
NCBI Official Symbol	ACIN1
NCBI Official Synonym Symbols	ACN; ACINUS; fSAP152
NCBI Protein Information	apoptotic chromatin condensation inducer in the nucleus; functional spliceosome-associated protein 152
UniProt Protein Name	Apoptotic chromatin condensation inducer in the nucleus
UniProt Gene Name	ACIN1
UniProt Synonym Gene Names	ACINUS; KIAA0670; Acinus
UniProt Entry Name	ACINU_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/acinus-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/329782>