

Goat PPARGC1A Antibody | anti-PPARGC1A antibody

Goat anti-PPARGC1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61890	Goat	HumanExpected from species homologues: Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

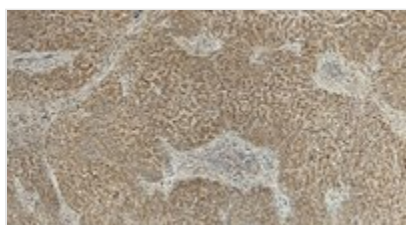
PRODUCT SYNONYMS

PPARGC1A; Goat anti-PPARGC1A Antibody; LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1alpha; PGC-1(alpha); anti-PPARGC1A antibody

PRODUCT SPECIFICATIONS

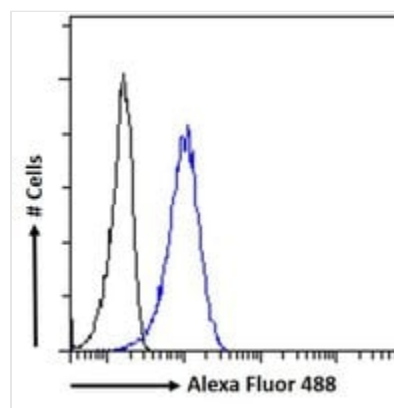
Host	Goat
Reactivity	Human Expected from species homologues: Human, Mouse, Rat
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-PPARGC1A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence RDSVSPPKSLFSQC, from the internal region of the protein sequence according to NP_037393.1, NP_001317680.1, NP_001317681.1, NP_001317682.1 , NP_001341756.1.
Important comment	This antibody appears to recognise multiple isoforms and is an alternative product to EB07856.

IMAGES



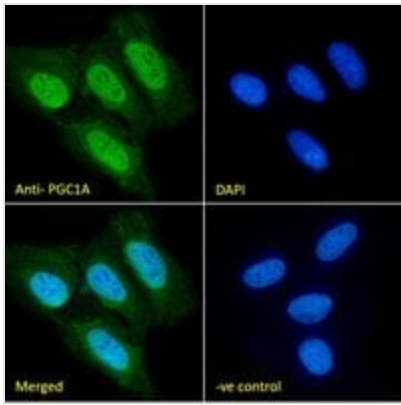
IHC (Immunohistochemistry)

6ug/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



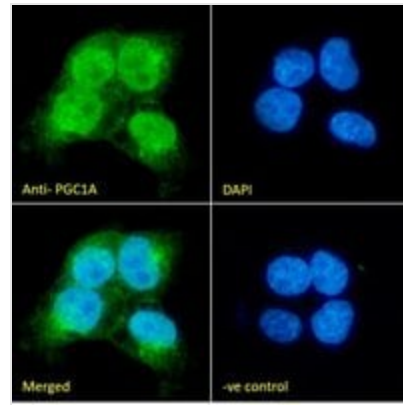
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



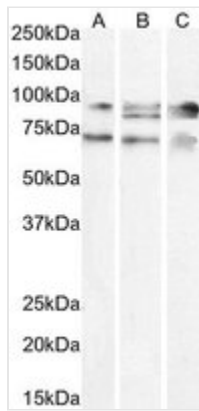
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Application Data

3ug/ml staining of A431 (A) and HepG2 (B) cell lysate, and (1.5ug/ml) HEK293 nuclear cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019499
NCBI GeneID	10891
NCBI Accession #	NP_037393.1; NP_001317680.1; NP_001317681.1; NP_001317682.1 ; NP_001341756.1
NCBI GenBank Nucleotide #	NM_013261.3
UniProt Accession #	Q9UBK2; Q4W5M7; Q9UN32
Molecular Weight	798
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma coactivator 1-alpha
NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
NCBI Official Symbol	PPARGC1A
NCBI Official Synonym Symbols	LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1(alpha)
NCBI Protein Information	peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1-alpha; L-PGC-1alpha; PPARGC-1-alpha; ligand effect modulator-6; PPAR gamma coactivator variant form; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcrip
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma coactivator 1-alpha

UniProt Gene Name	PPARGC1A
UniProt Synonym Gene Names	LEM6; PGC1; PGC1A; PPARGC1; PGC-1-alpha; PPAR-gamma coactivator 1-alpha
UniProt Entry Name	PRGC1_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.

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Online datasheet: <https://stage.aaabiotech.com/goat-human-mouse-rat-antibody/ppargc1a/61890>