

Rabbit PGC1 alpha Polyclonal Antibody | anti-PPARGC1A antibody

PGC1 alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322041	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

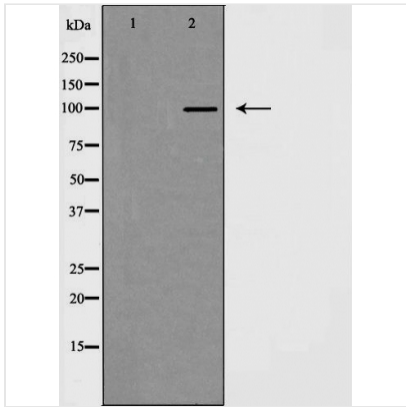
PRODUCT SYNONYMS

PGC1 alpha; Polyclonal Antibody; PGC1 alpha Antibody; L PGC 1alpha; LEM6; Ligand effect modulator 6; Peroxisome proliferative activated receptor gamma coactivator 1 alpha; Peroxisome proliferative activated receptor gamma coactivator 1; Peroxisome proliferator activated receptor gamma coactivator 1 alpha; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4 3ext; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4 8a; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B5; Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B5 NT; Peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC 1 (alpha); PGC 1 alpha; PGC 1v; PGC-1-alpha; PGC1; PGC1(alpha); PGC1A; PGC1v; PPAR gamma coactivator 1 alpha 3 ligand effect modulator 6; PPAR gamma coactivator 1 alpha; PPAR gamma coactivator 1; PPAR gamma coactivator variant form; PPAR-gamma coactivator 1-alpha; PPARGC 1 alpha; PPARGC-1-alpha; PPARGC1; PPARGC1A; PRGC1_HUMAN; anti-PPARGC1A antibody

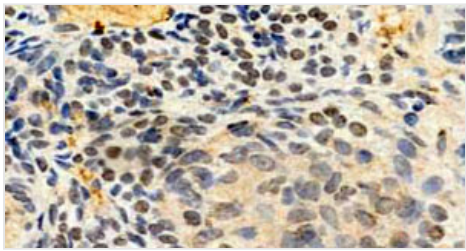
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PGC1 alpha antibody detects endogenous levels of total PGC1 alpha
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. (Thermo Fisher Scientific)
Form/Format	Liquid; Rabbit IgG in Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	803
Applicable Applications for anti-PPARGC1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PGC1 alpha, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of PGC1 alpha expression in Human Skeletal Muscle Lysate. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)
AAA322041 at 1/100 staining Rat ovary tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPARGC1A antibody	Transcriptional coactivator for steroid receptors and nuclear receptors. Greatly increases the transcriptional activity of PPARG and thyroid hormone receptor on the uncoupling protein promoter. Can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1064788214
NCBI GeneID	10891
NCBI Accession #	NP_001317680.1
NCBI GenBank Nucleotide #	NM_001330751.1
UniProt Accession #	Q9UBK2; Q3LIG1; Q4W5M7; Q9UN32; B7Z406; G8DM16; I3RTT5; I3RTT6; I3RTT7; I3RTT8; I3RTT9
Molecular Weight	100-150 kD
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma coactivator 1-alpha isoform 1
NCBI Official Synonym Full Names	PPARG coactivator 1 alpha
NCBI Official Symbol	PPARGC1A
NCBI Official Synonym Symbols	LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1alpha; PGC-1(alpha)
NCBI Protein Information	peroxisome proliferator-activated receptor gamma coactivator 1-alpha
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; PPARGC-1-alpha

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.