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Product datasheet for TA343709

Ppargc1a Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Ppargc1a antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: LENGYTLRRSNETDFELYFCGRKQFFKSNYADLDTNSDDFDPASTKSKYD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	90 kDa
Gene Name:	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha
Database Link:	NP_032930 Entrez Gene 10891 HumanEntrez Gene 19017 Mouse O70343
Background:	Ppargc1a is a transcriptional coactivator for steroid receptors and nuclear receptors. Ppargc1a greatly increases the transcriptional activity of PPARG and thyroid hormone receptor on the uncoupling protein promoter. Ppargc1a can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis.
Synonyms:	LEM6; PGC-1(alpha); PGC-1-alpha; PGC-1v; PGC1; PGC1A; PPARGC-1-alpha; PPARGC1

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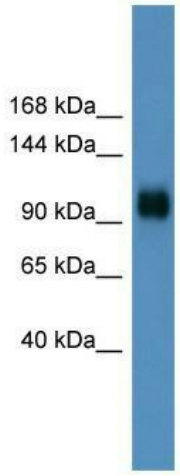
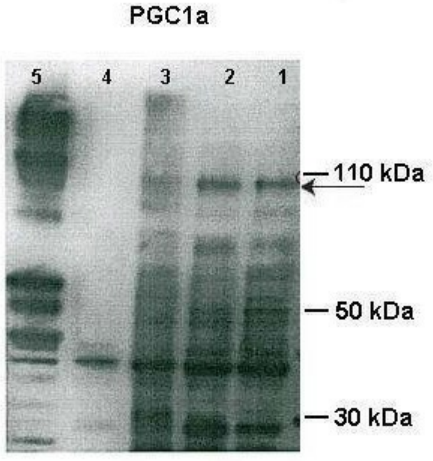
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Goat: 93%; Mouse: 93%; Zebrafish: 93%; Bovine: 86%

Product images:



WB Suggested Anti-Ppargc1a Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Mouse Brain



Lanes: Lane 1: 20 ug cytosolic fraction mesangial cells; Lane 2: 20 ug cytosolic fraction mesangial cells; Lane 3: 20 ug mitochondrial fraction mesangial cells; Lane 4: 20 ug treated cytosolic fraction mesangial cells; Lane 5: 20 ug Myometrial tissue lysate; P