

Product datasheet for **AP05660PU-N**

Ppard (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1:2000 - 1:8000. Western Blot: 1:500 - 1:2000; detects a band of approximately 55kDa in heart whole cell lysates.
Reactivity:	Human, Monkey, Mouse, Rabbit, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Syntetic peptide corresponding to amino acids 1-14 of mouse PPAR delta.
Specificity:	This antibody detects peroxisome proliferator-activated receptor, delta (PPARD).
Formulation:	Phosphate buffered saline pH7.2 containing 0.01% Sodium Azide (NaN ₃) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxisome proliferator activator receptor delta
Database Link:	Entrez Gene 5467 Human Entrez Gene 25682 Rat Entrez Gene 19015 Mouse P35396



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Background:

PPARD is a member of the nuclear hormone receptor subfamily. Upon activation, PPARD forms heterodimers with retinoid X receptors (RXRs), and functions to regulate transcription of specific gene sequences. PPARD controls genes involved in lipid metabolism, and enhances fatty acid catabolism and energy uncoupling in adipose tissue and skeletal muscle. PPARD has also been implicated in the proliferation and differentiation of preadipocytes, enterocytes, keratinocytes and the placenta. PPARD agonists could be used therapeutically to target multiple components of the metabolic syndrome, including insulin resistance, hyperglycemia, dyslipidemia, and atherosclerosis.

Synonyms:

PPAR-beta, Nuclear hormone receptor 1, NUC1, PPARD, NR1C2, PPARB