

Datasheet for ABIN185282
anti-PPARD antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	PPARD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PPARD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PPAR delta (Isoform 1)
Immunogen:	Peptide with sequence CHPLLQEIYKDMY, from the C Terminus of the protein sequence according to NP_006229.1.
Sequence:	CHPLLQEIYK DMY
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform 1 (NP_006229) of PPAR delta, but not isoform 2, a shorter protein (NP_803184) with a different C-terminus.
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: PPARD

Alternative Name: PPARD ([PPARD Products](#))

Background: PPARD, FAAR, NUC1, NUCI, NR1C2, NUCII, PPARB, MGC3931, PPAR-beta, peroxisome proliferative activated receptor, delta, nuclear hormone receptor 1, peroxisome proliferative activated receptor delta, OTTHUMP00000016256, OTTHUMP00000016257

Molecular Weight: 49.9kDa

Gene ID: 5467

NCBI Accession: [NP_006229](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Steroid Hormone Mediated Signaling Pathway](#), [Monocarboxylic Acid Catabolic Process](#), [Smooth Muscle Cell Migration](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Application Notes: Western Blot: Approx 55 kDa band observed in T cell line MOLT4 lysates (calculated MW of 49.9 kDa according to NP_006229.1). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour.
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Minamiyama, Takemura, Kodai, Shinkawa, Tsukioka, Ichikawa, Naito, Yoshikawa, Okada: "Iron restriction improves type 2 diabetes mellitus in Otsuka Long-Evans Tokushima fatty rats." in: American journal of physiology. Endocrinology and metabolism , Vol. 298, Issue 6, pp. E1140-9, (2010) (PubMed).
-------------------	--

Images

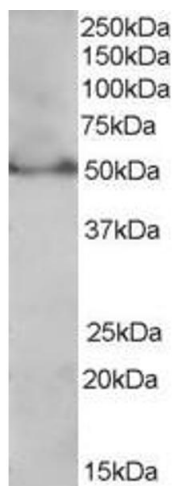
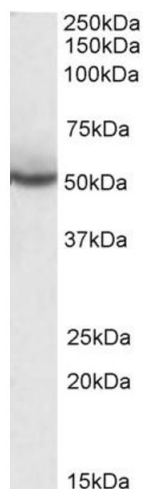


Image 1. ABIN185282 (0.3µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN185282 (0.3µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.