

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06474 - Goat Anti-PPAR delta (Isoform 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** PPARD

**Accession Number(s):** NP\_006229.1

**Human GeneID(s):** [5467](#)

**Important Comments:** 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.

### Immunogen

Peptide with sequence CHPLLQEIYKDMY, from the C Terminus of the protein sequence according to NP\_006229.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 55kDa band observed in T cell line MOLT4 lysates (calculated MW of 49.9kDa according to NP\_006229.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Pig, Cow

### Specific Reference

**This antibody (previous batch) has been successfully used in Western blot on Rat:**

Minamiyama Y, Takemura S, Kodai S, Shinkawa H, Tsukioka T, Ichikawa H, Naito Y, Yoshikawa T, Okada S

Iron restriction improves type 2 diabetes mellitus in Otsuka Long-Evans Tokushima fatty rats.

Am J Physiol Endocrinol Metab. 2010 Jun; 298(6):E1140-9.

PMID: 20215574

EB06474 (0.3µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.