

#### **International Office**

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# 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,

OTTHUMP0000016257
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

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

PMID: 20215574

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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