

## Product datasheet for **AP23032PU-N**

### PPAR delta (PPARD) (430-441) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/16000. <b>Immunohistochemistry on Paraffin Sections:</b> 3.75 µg/ml. <b>Western Blot:</b> 0.3 - 1 µg/ml.
Reactivity:	Human, Bovine, Bat, Canine, Chicken, Equine, Hamster, Monkey, Mouse, Porcine, Rabbit, Rat, Zebrafish
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from the C-terminus of human PPARD
Specificity:	This antibody detects PPAR-delta (C-term). It 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.
Formulation:	Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
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 activated receptor delta
Database Link:	<u><a href="#">Entrez Gene 19015 Mouse</a></u> <u><a href="#">Entrez Gene 25682 Rat</a></u> <u><a href="#">Entrez Gene 5467 Human Q03181</a></u>



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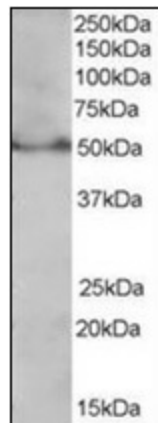
**Background:** Peroxisome proliferator-activated receptor beta/delta (PPAR beta/delta), a NR1 Thyroid Hormone-Like Receptor, is involved in the regulation of acyl-CoA synthetase 2 expression, lipid metabolism, embryo development, implantation, decidualization, and bone formation. PPAR beta/delta has been identified as a negative target of the APC gene and has been linked to colon cancer.

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

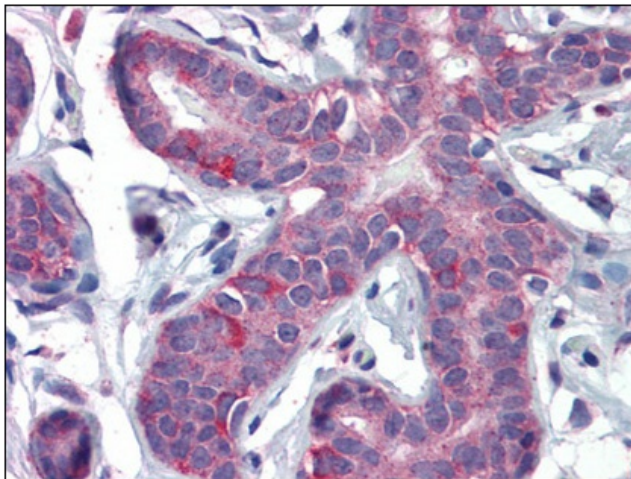
**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:** Acute myeloid leukemia, Pathways in cancer, PPAR signaling pathway, Wnt signaling pathway

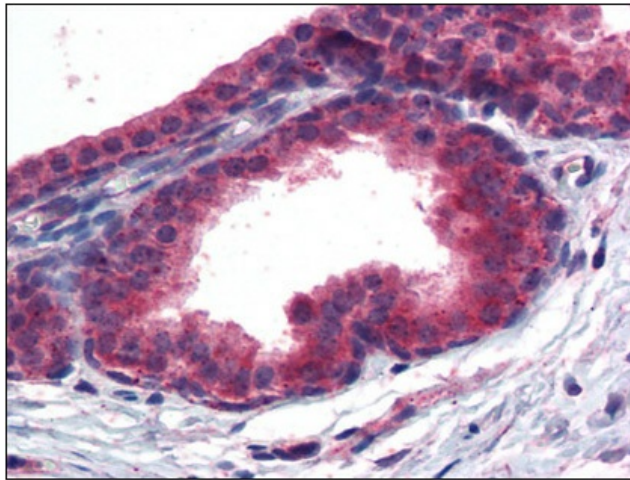
**Product images:**



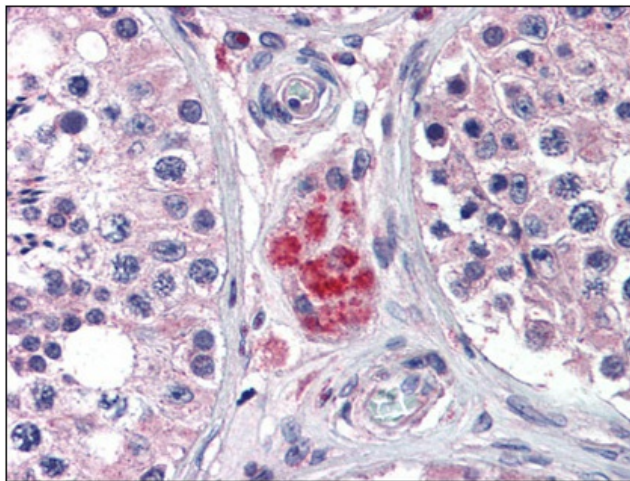
Western Blot Image: Staining (0.3ug/ml) of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry Image: Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry Image: Human Prostate:  
Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry Image: Human Testis:  
Formalin-Fixed, Paraffin-Embedded (FFPE)