

## Rabbit PPARD Polyclonal Antibody | anti-PPARD antibody

PPARD Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA301428 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

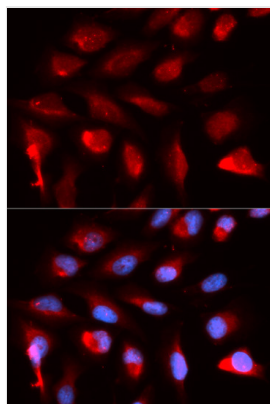
### PRODUCT SYNONYMS

PPARD; Polyclonal Antibody; PPARD Antibody; FAAR; NUC1; NUCI; NR1C2; NUCII; anti-PPARD antibody

### PRODUCT SPECIFICATIONS

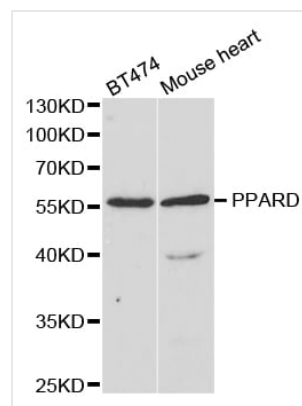
|                                                 |                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                       |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                                                   |
| Specificity                                     | The antibody detects endogenous level of total PPARD protein.                                                                                                |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                                           |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                                                    |
| Sequence Length                                 | 441                                                                                                                                                          |
| Applicable Applications for anti-PPARD antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                  | Recombinant Protein                                                                                                                                          |
| Immunogen Description                           | Recombinant protein of human PPARD.                                                                                                                          |
| Target Name                                     | PPARD                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                                        |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PPARD antibody. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPARD antibody.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PPARD antibody | This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this protein in myelination of the corpus callosum, lipid metabolism, and epidermal cell proliferation. Alternate splicing results in multiple transcript variants. |
| Product Categories/Family for anti-PPARD antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 284807155                                                              |
| NCBI GeneID                      | 5467                                                                   |
| NCBI Accession #                 | NP_001165289.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001171818.1                                                         |
| UniProt Accession #              | Q03181; Q5D1P0; Q7Z5K0; Q9BUD4; A8K6J6; B4E3V3; B6ZGS1; B7Z3W1; E9PE18 |
| Molecular Weight                 | 38,855 Da                                                              |
| NCBI Official Full Name          | peroxisome proliferator-activated receptor delta isoform 1             |
| NCBI Official Synonym Full Names | peroxisome proliferator-activated receptor delta                       |
| NCBI Official Symbol             | PPARD                                                                  |
| NCBI Official Synonym Symbols    | FAAR; NUC1; NUCI; NR1C2; NUCII; PPARB                                  |
| NCBI Protein Information         | peroxisome proliferator-activated receptor delta                       |
| UniProt Protein Name             | Peroxisome proliferator-activated receptor delta                       |
| UniProt Gene Name                | PPARD                                                                  |
| UniProt Synonym Gene Names       | NR1C2; PPARB; PPAR-delta; NUC1; PPAR-beta                              |
| UniProt Entry Name               | PPARD_HUMAN                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/ppard-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301428>