

## Goat PKP2 / Plakophilin 2 Polyclonal Antibody | anti-PKP2 antibody

Goat Polyclonal to Human PKP2 / Plakophilin 2

| CATALOG # | HOST | REACTIVITY                                                                                                                                      | APPLICATIONS                              |
|-----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| AAA52360  | Goat | Dog, Gorilla, Hamster, Human, Mouse, Rabbit, Rat<br>Predicted Reactivity: Monkey, Bat, Bovine, Horse (at least 90% immunogen sequence identity) | ELISA, Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

PKP2 / Plakophilin 2; Polyclonal Antibody; Goat Polyclonal to Human PKP2 / Plakophilin 2; Anti-PKP2 / Plakophilin 2 Antibody (Internal) IHC-plus; ARVD9; Plakophilin 2; Plakophilin-2; Human PKP2; anti-PKP2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                                     | Dog, Gorilla, Hamster, Human, Mouse, Rabbit, Rat<br><b>Predicted Reactivity:</b> Monkey, Bat, Bovine, Horse (at least 90% immunogen sequence identity)                                                                                                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                  |
| Specificity                                    | Human PKP2 / Plakophilin 2. This antibody is expected to recognize both reported isoforms (NP_001005242.2; NP_004563.2).                                                                                                                                                                                                                    |
| Purity/Purification                            | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                    | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide                                                                                                                                                                                                                                                                                  |
| Concentration                                  | 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                   |
| Sequence Length                                | 881                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-PKP2 antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                        |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                       |
| Immunogen Description                          | Synthetic peptide C-RGTAQYSSQKSVEER from an internal region of human PKP2 / Plakophilin 2 (NP_001005242.2; NP_004563.2). Percent identity by BLAST analysis: Human, Gorilla, Hamster, Dog, Rabbit (100%); Marmoset, Panda, Bovine, Bat, Horse (93%).                                                                                        |
| Immunogen Type                                 | Synthetic peptide                                                                                                                                                                                                                                                                                                                           |
| Immunogen                                      | PKP2 / Plakophilin 2 antibody was raised against synthetic peptide C-RGTAQYSSQKSVEER from an internal region of human PKP2 / Plakophilin 2 (NP_001005242.2; NP_004563.2). Percent identity by BLAST analysis: Human, Gorilla, Hamster, Dog, Rabbit (100%); Marmoset, Panda, Bovine, Bat, Horse (93%); Mouse (87%); Elephant, Opossum (80%). |
| Antigen Modification                           | Internal                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                        | Store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                       |

IMAGES



**WB (Western Blot)**  
PKP2 antibody (0.3 ug/ml) staining of Mouse Heart lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**IHC (Immunohistochemistry)**  
Anti-PKP2 / Plakophilin 2 antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 148664226                                                      |
| NCBI GeneID                      | 5318                                                           |
| NCBI Accession #                 | NP_004563.2                                                    |
| NCBI GenBank Nucleotide #        | NM_004572.3                                                    |
| UniProt Accession #              | Q99959; Q4VC01; Q99960; A0AV37; B8QFA1; B8QGS6; B8QGS7; D3DUW9 |
| Molecular Weight                 | 92,756 Da                                                      |
| NCBI Official Full Name          | plakophilin-2 isoform 2b                                       |
| NCBI Official Synonym Full Names | plakophilin 2                                                  |
| NCBI Official Symbol             | PKP2                                                           |
| NCBI Official Synonym Symbols    | ARVD9                                                          |
| NCBI Protein Information         | plakophilin-2                                                  |
| UniProt Protein Name             | Plakophilin-2                                                  |
| UniProt Gene Name                | PKP2                                                           |
| UniProt Entry Name               | PKP2_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://stage.aaabiotech.com/polyclonal/pkg2-plakophilin-2-antibody-western-blot-immunohistochemistry-elisa/52360>