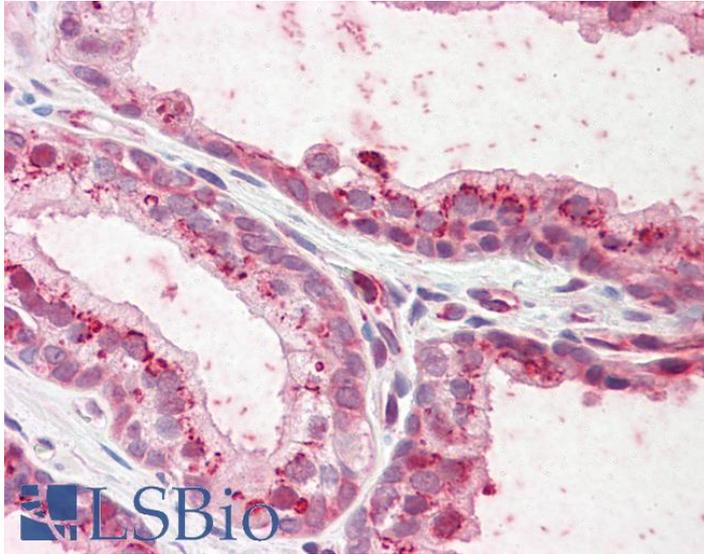




GOAT ANTI-PLAKOPHILIN 2 (AA125-139) ANTIBODY

SKU: EB10841



SPECIFICATIONS

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|------------------------------|---|
| Formulation | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Unit Size | 100 µg |
| Storage Instructions | Aliquot and store at -20°C. Minimize freezing and thawing. |
| Synonym / Alias Names | plakophilin-2 MGC177501 ARVD9 plakophilin 2 PKP2 |
| Accession ID | NP_001005242.2; NP_004563.2 |
| Blocking Peptide | EBP10841 |
| Immunogen | Peptide with sequence C-RGTAQYSSQKSVEER, from the internal region of the protein sequence according to NP_001005242.2; NP_004563.2. |
| Product Comments | This antibody is expected to recognize both reported isoforms (NP_001005242.2; NP_004563.2). |
| Peptide Sequence | C-RGTAQYSSQKSVEER |
| Purification Method | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |



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|------------------------------|--|
| Shipping Instructions | Refrigerated |
| Predicted Species | Human, Mouse, Rat, Dog, Cow |
| Reactive Species | Human, Mouse |
| Human Gene ID | 5318 |
| Mouse Gene ID | 67451 |
| Rat Gene ID | 287925 |
| Product Grade | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| IHC Results | Paraffin embedded Human Prostate. Recommended concentration: 3.75µg/ml. |
| ELISA Detection Limit | Antibody detection limit dilution 1:16000. |
| Western Blot | Approx 100kDa band observed in Mouse Heart lysates (calculated MW of 88.1kDa according to Mouse NP_080439.1 and 87.8kDa according to Rat NP_001093969.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse, PMID: 37833253. |
| Application Type | Pep-ELISA, WB, IHC |

SELECTED REFERENCES

[{"pmid": 37833253, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "MYH10 activation rescues contractile defects in arrhythmogenic cardiomyopathy (ACM).", "author": "Nieves García-Quintáns, Silvia Sacristán, Cristina Márquez-López, Cristina Sánchez-Ramos, Fernando Martínez-de-Benito, David Siniscalco, Andrés González-Guerra, Emilio Camafeita, Marta Roche-Molina, Mariya Lytvyn, David Morera, María I. Guillen, María A. Sanguino, David Sanz-Rosa, Daniel Martín-Pérez, Ricardo Garcia & Juan A. Berna", "journal": "Nat Commun. 2023 Oct 13;14(1):6461."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

