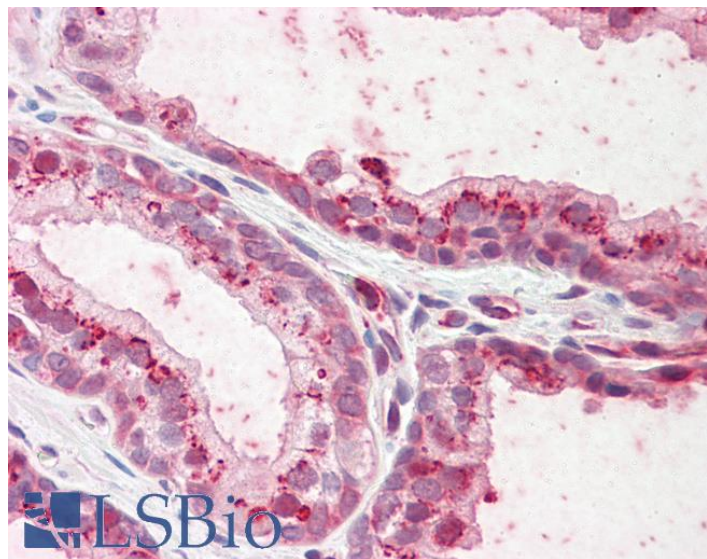


# GOAT ANTI-PLAKOPHILIN 2 (AA125-139) ANTIBODY

**SKU:** EB10841



## SPECIFICATIONS

**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** plakophilin-2| MGC177501| ARVD9| plakophilin 2|PKP2

**Names**

**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.

<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Cow
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	5318
<b>Mouse Gene ID</b>	67451
<b>Rat Gene ID</b>	287925
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Prostate. Recommended concentration: 3.75µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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.
<b>Application Type</b>	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 Martinez-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

