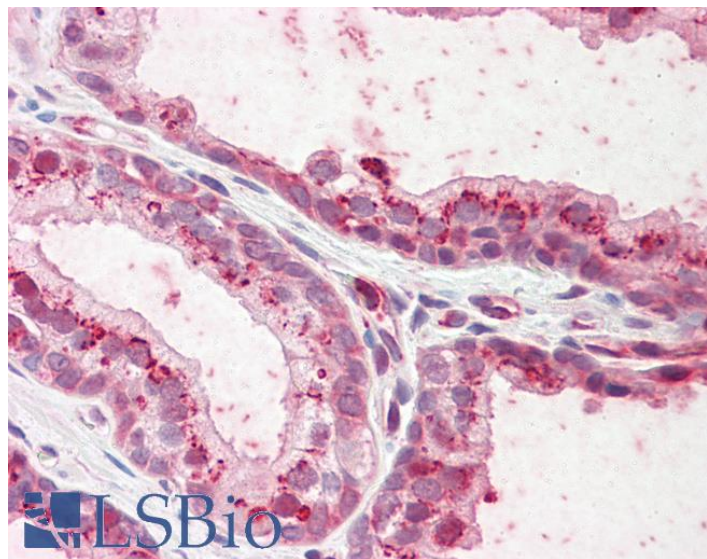


GOAT ANTI-PLAKOPHILIN 2 (AA125-139) ANTIBODY

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.

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 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

