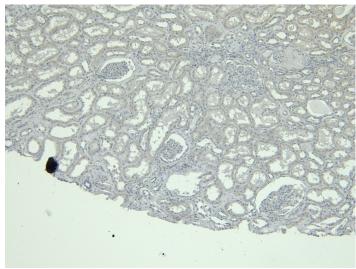




GOAT ANTI-CALBINDIN D28 ANTIBODY

SKU: EB11759



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

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym / vitamin D-dependent calcium-binding protein, avian-type|RTVL-H

protein|OTTHUMP00000225441|OTTHUMP00000166027|D-28K|calbindin D28|calbindin 1, 28kDa|calbindin 1, **Alias**

Names (28kD)|calbindin|CALB1|CALB

Accession

NP_004920.1

Blocking Peptide

ID

EBP11759

Immunogen

Peptide with sequence C-KTFVDQYGQRDDGK, from the internal region of the protein sequence according to

NP 004920.1.

Product Comments

Immunizing peptide overlaps EF hand 2, but not any calcium binding site.

Peptide

C-KTFVDQYGQRDDGK **Sequence**

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

Shipping Refrigerated Instructions

Predicted

Human, Rat, Dog, Pig, Cow

Species Reactive

Species

Human, Rat

Human Gene ID

793

Rat Gene ID 83839

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 Kidney. Recommended concentration: 5-7μg/ml.

ELISA

Detection

Antibody detection limit dilution 1:128000.

Limit

Blot

Type

Approx. 26kDa band observed in Human and Rat Kidney lysates and in Rat Brain lysates (calculated MW of 30.0kDa according to Human NP 004920.1and Rat NP 114190.1). The observed molecular weight is routinely

observed by other sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room

temperature.

Application

Western

Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 0, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Comparative Renal Development between Spiny Mouse (Acomys cahirinus) and House Mouse (Mus musculus)", "author": "Azad, Tanzina", "journal": "http://hdl.handle.net/10138/594531 (2025)"}]

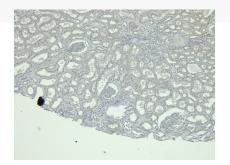
GALLERY IMAGES

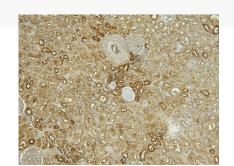


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250kDa







150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa





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