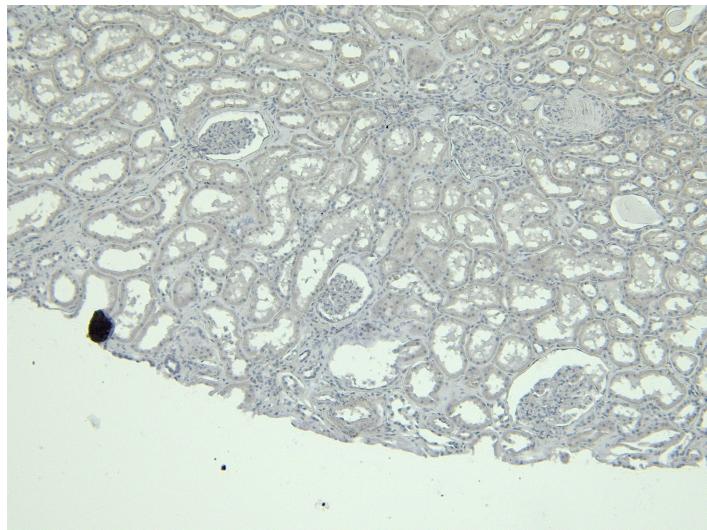


## GOAT ANTI-CALBINDIN D28 ANTIBODY

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

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

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

**Names** (28kD)|calbindin|CALB1|CALB

**Accession ID** NP\_004920.1

**Blocking Peptide** 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 Sequence** C-KTFVDQYGQRDDGK

**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, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human, Rat
<b>Human Gene ID</b>	793
<b>Rat Gene ID</b>	83839
<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 Kidney. Recommended concentration: 5-7µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	Approx. 26kDa band observed in Human and Rat Kidney lysates and in Rat Brain lysates (calculated MW of 30.0kDa according to Human NP_004920.1 and 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.
<b>Application Type</b>	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)"}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

