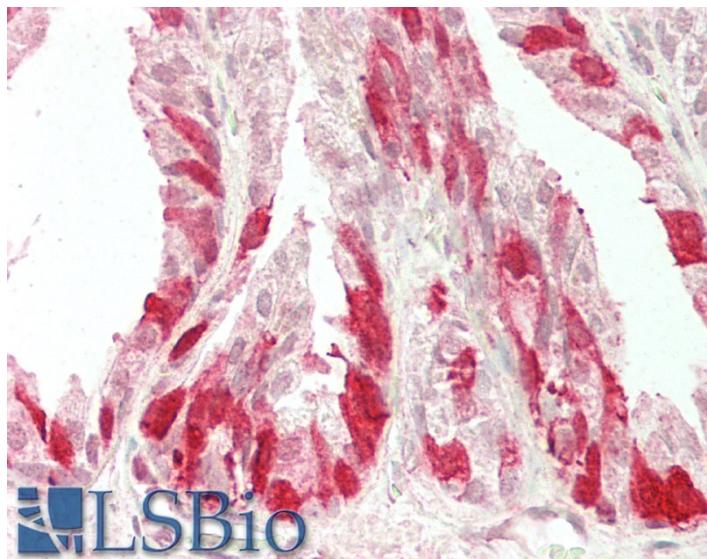


## GOAT ANTI-NELL2 ANTIBODY

**SKU:** EB12278



## 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 /**

**Alias** protein kinase C-binding protein NELL2|neural epidermal growth factor-like 2|NEL-related protein 2|NEL-like  
**Names** protein 2|NRP2|NEL-like 2 (chicken)|NELL2

**Accession**

**ID** NP\_001138579.1; NP\_006150.1; NP\_001138581.1; NP\_001138582.1

**Blocking Peptide**

EBP12278

**Immunogen** Peptide with sequence DPCQADTIRNDITKT, from the internal region (near C terminus) of the protein sequence according to NP\_001138579.1; NP\_006150.1; NP\_001138581.1; NP\_001138582.1.

**Product Comments** This antibody is expected to recognize all reported isoforms (NP\_001138579.1; NP\_006150.1; NP\_001138581.1; NP\_001138582.1). Reported variants represent identical protein: NP\_001138580.1, NP\_006150.1.

**Peptide Sequence**

DPCQADTIRNDITKT

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

**Method** using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human, Mouse, Rat, Dog, Pig, Cow

**Reactive Species** Human

**Human Gene ID** 4753

**Mouse Gene ID** 54003

**Rat Gene ID** 81734

**Product Grade** [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)

**IHC Results** Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:64000.

**Western Blot** Preliminary experiments gave an approx 80kDa band in Human Brain (cortex and hippocampus) lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 94.7kDa for the mature form (aa22-866) according to NP\_001138579.1 and 88.8kDa (aa22-816) according to NP\_001138580.1. The 80kDa band was successfully blocked by incubation with the immunizing peptide.

**Application Type** Pep-ELISA, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

