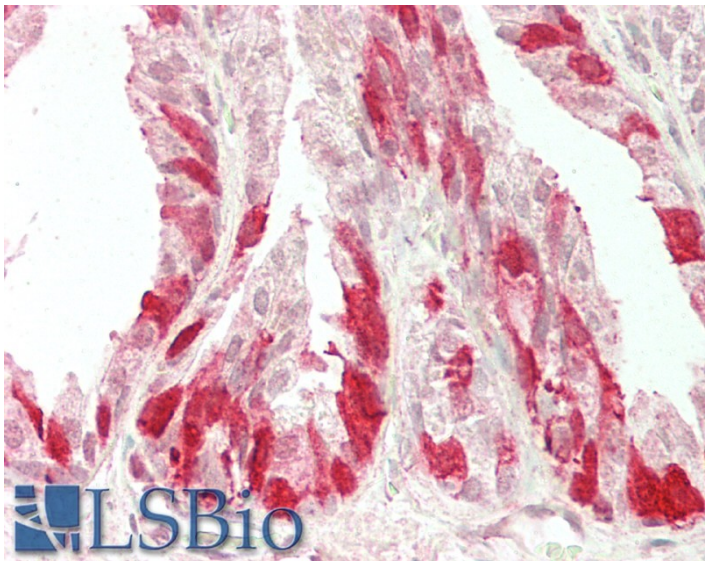
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GOAT ANTI-NELL2 ANTIBODY

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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	protein kinase C-binding protein NELL2|neural epidermal growth factor-like 2|NEL-related protein 2|NEL-like 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 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, 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
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

