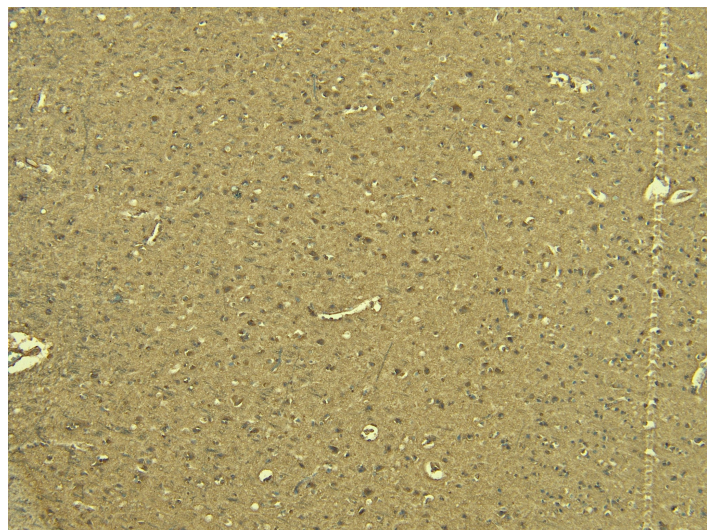


GOAT ANTI-CALNEXIN ANTIBODY

SKU: EB09525



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	major histocompatibility complex class I antigen-binding protein p88 P90 IP90 FLJ26570 CNX calnexin CANX
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the endoplasmic reticulum and cytoplasm of U251 cells and in the endoplasmic reticulum and plasma membranes of LNCaP cells. Recommended concentration: 10µg/ml.
Accession ID	NP_001737.1
Blocking Peptide	EBP09525
Immunogen	Peptide with sequence C-SKTPELNLDQFHDKT, from the internal region (near N Terminus) of the protein sequence according to NP_001737.1.
Product Comments	Reported variants represent identical protein (NP_001019820.1, NP_001737.1).
Peptide Sequence	C-SKTPELNLDQFHDKT

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, Rat
Human Gene ID	821
Mouse Gene ID	12330
Rat Gene ID	29144
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Cortex. Recommended concentration: 6µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 90-100kDa band observed in Human Cerebellum and Rat Brain lysates and in lysates of cell lines LNCaP and U251 (calculated MW of 67.6kDa according to Human NP_001737.1 and 67.3kDa according to Rat NP_742005.1). This molecular weight is routinely observed by other sources, Recommended concentration: 0.1-0.5/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdigen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

