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GOAT ANTI-ALPHA-SYNUCLEIN (NACP140) ANTIBODY

SKU: EB11714

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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	synuclein, alpha (non A4 component of amyloid precursor)|synuclein alpha-140|SNCA|PD1|PARK4|PARK1|non A-beta component of AD amyloid|NACP|alpha-synuclein
Accession ID	NP_000336.1
Blocking Peptide	EBP11714
Immunogen	Peptide with sequence C-KDQLGKNEEGAPQE, from the internal region of the protein sequence according to NP_000336.1.
Product Comments	This antibody is expected to recognize reported isoform NACP140 (NP_000336.1) only. Reported variants represent identical protein: NP_000336.1, NP_001139527.1, NP_001139526.1
Peptide Sequence	C-KDQLGKNEEGAPQE
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, Pig
Reactive Species	Human
Human Gene ID	6622
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 Brain (Cerebellum). Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 17kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 14.5kDa according to NP_000336.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 25634539, "intro": "**This antibody has been successfully used in WB and IF on Rat:**", "title": "DT-Diaphorase Prevents Aminochrome-Induced Alpha-Synuclein Oligomer Formation and Neurotoxicity.", "author": "Muñoz P, Cardenas S, Huenchuguala S, Briceño A, Couve E, Paris I, Segura-Aguilar J.", "journal": "Toxicol Sci. 2015 May;145(1):37-47."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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