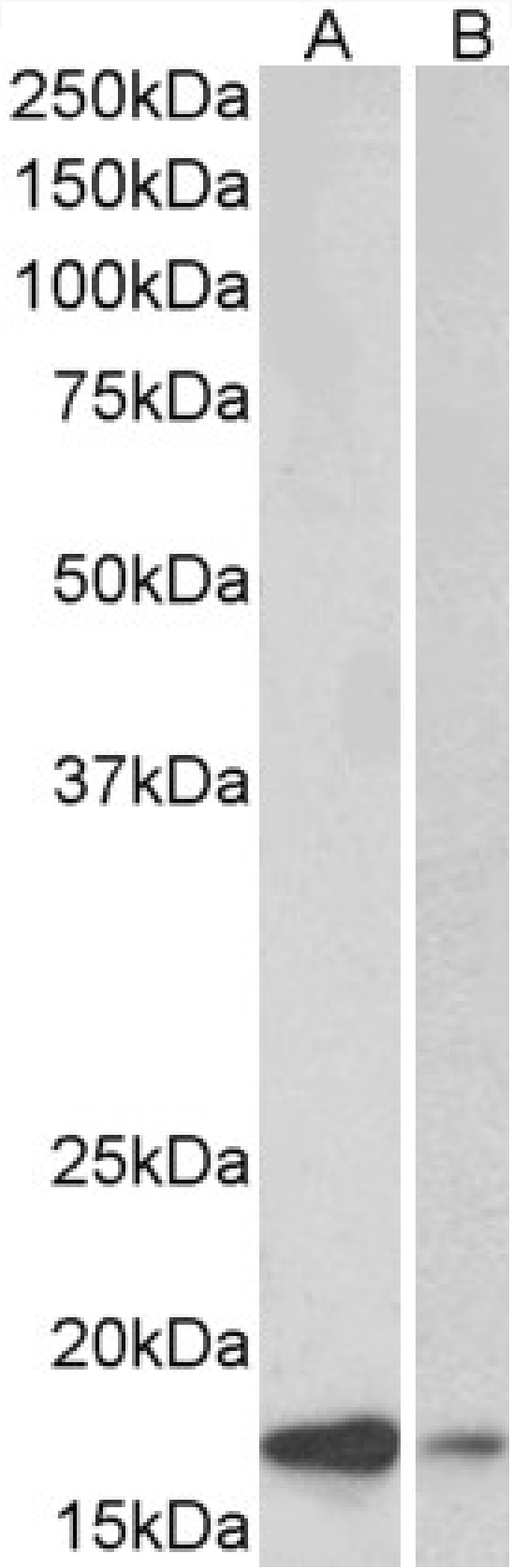
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GOAT ANTI-ALPHA-SYNUCLEIN ANTIBODY

SKU: EB11713

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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_009292.1; NP_000336.1
Blocking Peptide	EBP11713
Immunogen	Peptide with sequence C-ATGFVKKDQLGK, from the internal region of the protein sequence according to NP_009292.1; NP_000336.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_009292.1; NP_000336.1). Reported variants represent identical protein: NP_000336.1, NP_001139527.1, NP_001139526.1
Peptide Sequence	C-ATGFVKKDQLGK
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
Reactive Species	Human, Mouse
Human Gene ID	6622
Mouse Gene ID	20617
Rat Gene ID	29219
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 1:128000.
Western Blot	Approx 17kDa band observed in Human Brain (Amygdala) and fetal Mouse Brain lysates (calculated MW of 14.5kDa according to Human NP_000336.1 and Mouse NP_033247.1). 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": 30343424, "intro": "**This antibody has been successfully used in Western blot on Human:**", "title": "Novel Alpha-Synuclein Oligomers Formed with the Aminochrome-Glutathione Conjugate Are Not Neurotoxic", "author": "Sandro Huenchuguala & Birgitta Sjödin & Bengt Mannervik & Juan Segura-Aguilar", "journal": "Neurotox Res. 2019 Feb;35(2):432-440."}, {"pmid": 0, "intro": "**This antibody has been successfully used in the following paper:**", "title": "?-Synuclein facilitates clathrin assembly in synaptic vesicle endocytosis", "author": "Karina J. Vargas, P. L. Colosi, Eric Girardi, Jae-Min Park, Sreeganga S. Chandra", "journal": "(2021) https://doi.org/10.1101/2020.04.29.069344"}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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