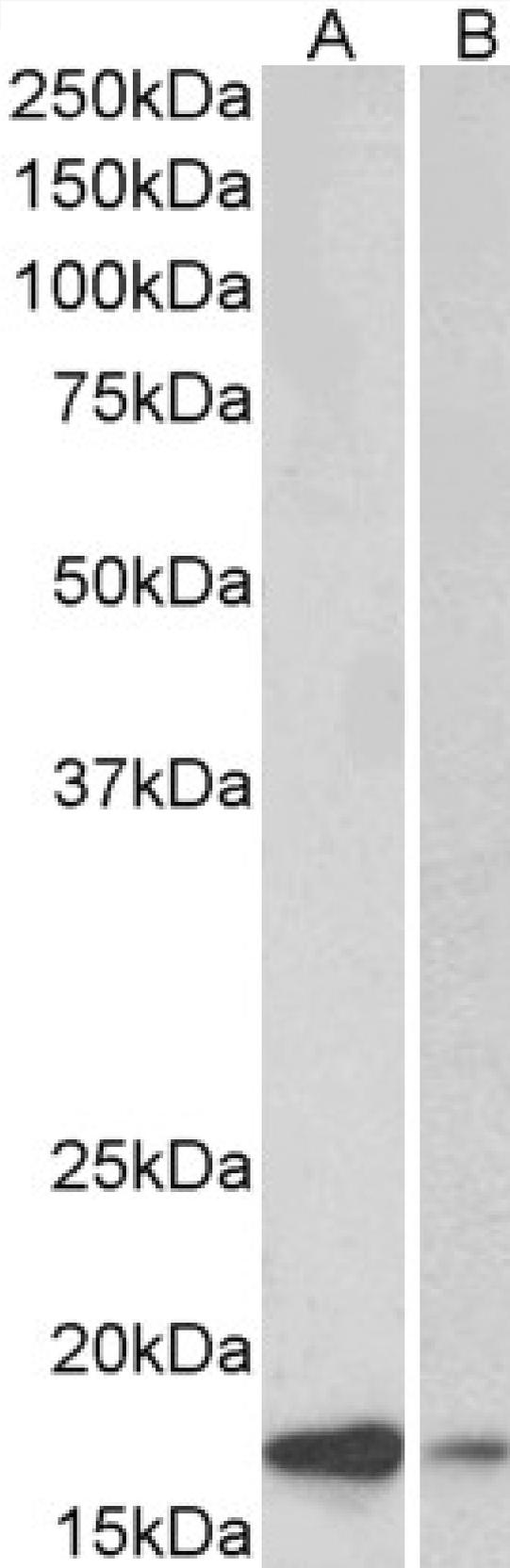


# GOAT ANTI-ALPHA-SYNUCLEIN ANTIBODY

**SKU:** EB11713



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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_009292.1; NP_000336.1
<b>Blocking Peptide</b>	EBP11713
<b>Immunogen</b>	Peptide with sequence C-ATGFVKKDQLGK, from the internal region of the protein sequence according to NP_009292.1; NP_000336.1.
<b>Product Comments</b>	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
<b>Peptide Sequence</b>	C-ATGFVKKDQLGK
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	6622
<b>Mouse Gene ID</b>	20617
<b>Rat Gene ID</b>	29219
<b>Product Grade</b>	<a href="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</a>
<b>IHC Results</b>	Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	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.
<b>Application Type</b>	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

