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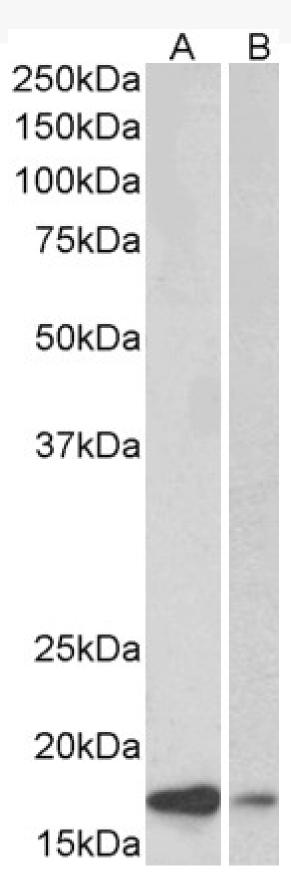
GOAT ANTI-ALPHA-SYNUCLEIN ANTIBODY

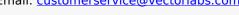
SKU: EB11713



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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.

A-beta component of AD amyloid|NACP|alpha-synuclein

Synonym / synuclein, alpha (non A4 component of amyloid precursor)|synuclein alpha-140|SNCA|PD1|PARK4|PARK1|non

Names

Alias

ID

Accession NP_009292.1; NP_000336.1

Blocking

EBP11713 **Peptide**

Peptide with sequence C-ATGFVKKDQLGK, from the internal region of the protein sequence according to **Immunogen**

NP_009292.1; NP_000336.1.

This antibody is expected to recognize both reported isoforms (NP_009292.1; NP_000336.1). Reported variants **Product**

represent identical protein: NP_000336.1, NP_001139527.1, NP_001139526.1 Comments

Peptide

C-ATGFVKKDQLGK Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Pig **Species**

Reactive

Human, Mouse **Species**

Human

6622 Gene ID

Mouse

20617 Gene ID

Rat Gene ID 29219

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

Grade

IHC Results Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5μg/ml.

FLISA

Detection Antibody detection limit dilution 1:128000.

Limit

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

Pep-ELISA, WB, IHC

Type



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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"}]

GALLERY IMAGES





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