

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 **UNITED STATES**

Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene EU

AP15809PU-S

Acris Antibodies GmbH

Schillerstr. 5 32052 Herford **GERMANY**

Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Polyclonal Antibody to Synuclein (pan) - Purified

Catalog No.: AP15809PU-S

Quantity: $0.1 \, \text{ml}$

Background: Synucleins are small, soluble proteins expressed primarily in neural tissue and in certain

> tumors. The family includes three known proteins: alphasynuclein, beta-synuclein, and gamma-synuclein. The alpha- and betasynuclein proteins are found primarily in brain tissue, where they are seen mainly in presynaptic terminals. The gamma-synuclein protein is found primarily in the peripheral nervous system and retina, but its expression in breast

tumors is a marker for tumor progression.

Uniprot ID: P37840 **NCBI:** NP 000336

GeneID: 6622 **Host:** Rabbit

A synthetic peptide corresponding to near N-terminal of Human alpha, beta, gamma-Immunogen:

Synuclein protein.

Format: State: Liquid purified IgG fraction

Purification: Immunoaffinity Chromatography

Buffer System: PBS, pH 7.6 with 1% BSA and 0.09% Sodium Azide

Applications: Immunohistochemistry on Paraffin Sections: 1/50 for 10 min at RT.

> Staining of Formalin-Fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Slides must be washed in between

steps. Rinse slides with PBS/0.05% Tween. Positive Control: Brain.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

Specificity: Pan-Synuclein.

Cellular Localisation: Cytoplasm, presynaptic terminals.

Species Reactivity: Tested: Human.

Expected from sequence similarity: Rat.

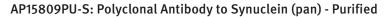
Add. Information: Molecular Weight: 14 kDa

Store the antibody undiluted at 2-8°C. Storage:

DO NOT FREEZE!

Shelf life: One year from despatch.







Pictures:

Human brain stained with Anti-pan-Synuclein antibody

