



# Synuclein- $\beta$ rabbit pAb

Cat No.:ES3541

For research use only

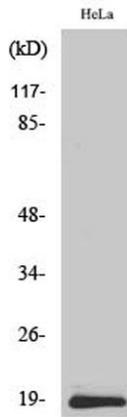
## Overview

<b>Product Name</b>	Synuclein- $\beta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Synuclein beta. AA range:85-134
<b>Specificity</b>	Synuclein- $\beta$ Polyclonal Antibody detects endogenous levels of Synuclein- $\beta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Beta-synuclein
<b>Gene Name</b>	SNCB
<b>Cellular localization</b>	Cytoplasm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	14kD
<b>Human Gene ID</b>	6620
<b>Human Swiss-Prot Number</b>	Q16143
<b>Alternative Names</b>	SNCB; Beta-synuclein
<b>Background</b>	This gene encodes a member of a small family of proteins that inhibit phospholipase D2 and may function in neuronal plasticity. The encoded protein is abundant in lesions of patients with Alzheimer disease. A mutation in this gene was found in



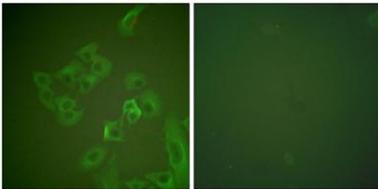


individuals with dementia with Lewy bodies.  
Alternative splicing results in multiple transcript  
variants. [provided by RefSeq, Dec 2015],

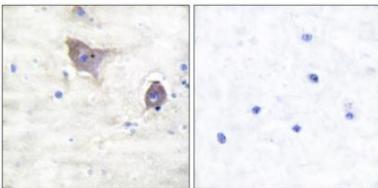


Western Blot analysis of various cells using Synuclein- $\beta$  Polyclonal Antibody

Immunofluorescence analysis of A549 cells, using Synuclein beta Antibody. The picture on the right is blocked with the synthesized peptide.

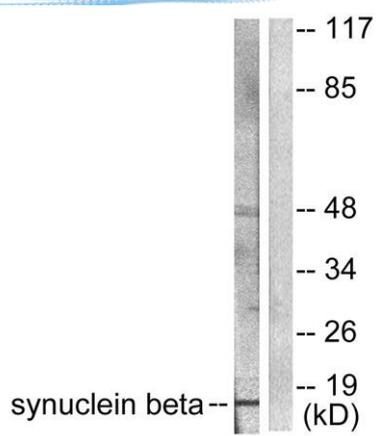


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Synuclein beta Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from HeLa cells, using Synuclein beta Antibody. The lane on the right is blocked with the synthesized peptide.



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