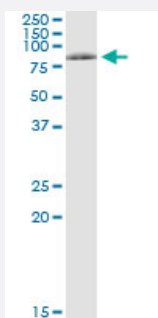


SYN3 (Human) IP-WB Antibody Pair

Catalog # H00008224-PW1

Size 1 Set

Applications



Immunoprecipitation of SYN3 transfected lysate using rabbit polyclonal anti-SYN3 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-SYN3.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SYN3 transfected lysate using rabbit polyclonal anti-SYN3 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SYN3.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SYN3 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SYN3 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — SYN3

Entrez GeneID [8224](#)

Gene Name SYN3

Gene Alias -

Gene Description synapsin III

Omim ID [602705](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the synapsin gene family. Synapsins encode neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. The protein encoded by this gene shares the synapsin family domain model, with domains A, C, and E exhibiting the highest degree of conservation. The protein contains a unique domain J, located between domains C and E. Based on this gene's localization to 22q12.3, a possible schizophrenia susceptibility locus, and the established neurobiological roles of the synapsins, this family member may represent a candidate gene for schizophrenia. The TIMP3 gene is located within an intron of this gene and is transcribed in the opposite direction. Alternative splicing of this gene results in multiple splice variants that encode different isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000028987|cN28H9.2 (synapsin III)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)