

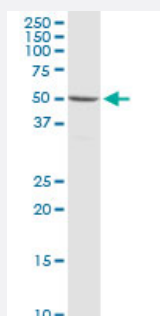
MaxPab®

SYN3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008224-D01

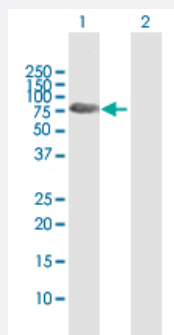
Size 100 uL

Applications



Western Blot (Cell lysate)

SYN3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SYN3 expression in A-431.

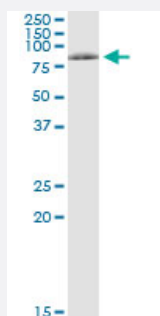


Western Blot (Transfected lysate)

Western Blot analysis of SYN3 expression in transfected 293T cell line ([H00008224-T02](#)) by SYN3 MaxPab polyclonal antibody.

Lane 1: SYN3 transfected lysate(63.30 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SYN3 transfected lysate using anti-SYN3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SYN3 purified MaxPab mouse polyclonal antibody (B01P) ([H00008224-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SYN3 protein.

Immunogen	SYN3 (AAH75065.1, 1 a.a. ~ 580 a.a) full-length human protein.
Sequence	MNFLRRRLSDSSFMANLPNGYMTDLQRPDSSTSSPASPAMERRHPQPLAASFSSPGSSLFSSL SSAMKQAPQATSGLMEPPGPSTPIVQRPRILLVIDDAHTDWSKYFHGKKVNGEIEIRVEQAEFSEL NLAAAYVTGGCMVDMQVVRNGTKVVSRSFKPDFILVRQHAYSMALGEDYRSLVIGLQYGGLPAVN SLYSVYNFCSKPWVFSQLIKIFHSLGPEKFPLVEQTFFPNHKPMVTAPHFPVVVKLGHAHAGMGKI KVENQLDFQDITSVVAMAKTYATTEAFIDSKYDIRIQKIGSNYKAYMRTSISGNWKANTGSAMLEQV AMTERYRLWVDSCSEMFGGLDICA VKAVHSDKGRDYIEVMDSSMPLIGE HVEEDRQLMADLVV SKMSQLPMPGGTAPSPLRPWAPQIKSAKSPGQAQLGPQLGQPQPRPPQGGPRQAQSPQPQR SGSPSQRLSPQGGQPLSPQSGSPQQQRSPGSPQLSRASSGSSPNQASKPGATLASQPRPPV QGRSTSQQGEESKKPAPPHPHLNKSQSLTNSLSTSDTSQRGTPSEDEAKAETIRNLRKSFASLF SD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SYN3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SYN3 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SYN3 expression in transfected 293T cell line ([H00008224-T02](#)) by SYN3 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — SYN3

Entrez GeneID [8224](#)

GeneBank Accession# [BC075065](#)

Protein Accession# [AAH75065.1](#)

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](#)