

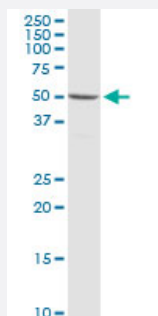
MaxPab®

SYN3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008224-D01P

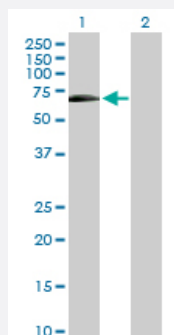
Size 100 ug

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.

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 NLAAYVTGGCMVDMQVVRNGTKVVSRSFKPDFILVRQHAYSMALGEDYRSLVIGLQYGGLPAVN SLYSVYNFCSKPWVFSQLIKIFHSLGPEKFPLVEQTFFPNHKPMVTAPHFPVVVKLGHAHAGMGKI KVENQLDFQDITSVVAMAKTYATTEAFIDSKYDIRIQKIGSNYKAYMRTSISGNWKANTGSAMLEQV AMTERYRLWVDSCSEMFGGLDICA VKAVHSDKGRDYIEVMDSSMPLIGE HVEEDRQLMADLVV SKMSQLPMPGGTAPSPLRPWAPQIKSAKSPGQAQLGPQLGQPQPRPPQGGPRQAQSPQPQR SGSPSQRLSPQGGQPLSPQSGSPQQQRSPGSPQLSRASSGSSPNQASKPGATLASQPRPPV QGRSTSQQGEESKKPAPPHPLNKSQSLTNSLSTSDTSQRGTPSEDEAKAETIRNLRKSFASLF SD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
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](#)

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

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