

Rabbit anti-Human SYN3 Polyclonal Antibody | anti-SYN3 antibody

Anti-SYN3 Antibody, Rabbit Polyclonal

CATALOG # AAA256503	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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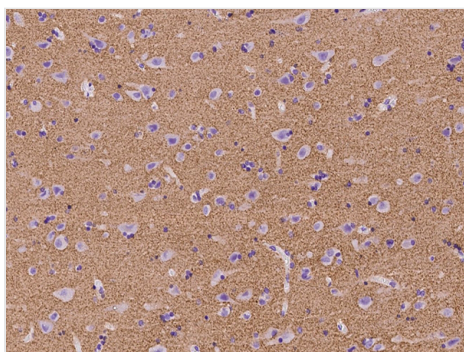
PRODUCT SYNONYMS

SYN3; Polyclonal Antibody; Anti-SYN3 Antibody; Rabbit Polyclonal; SYN3 Antibody; Rabbit PAb; Antigen Affinity Purified; synapsin III; anti-SYN3 antibody

PRODUCT SPECIFICATIONS

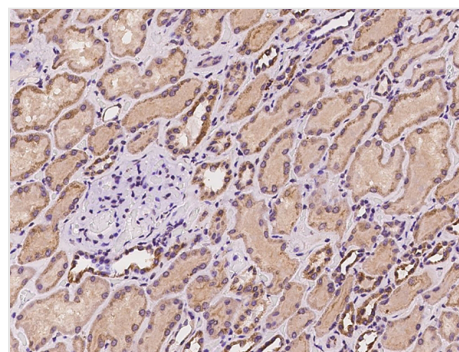
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SYN3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SYN3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SYN3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SYN3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



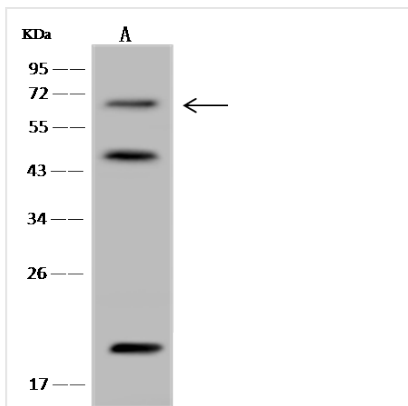
IHC (Immunohistochemistry)

Immunochemical staining of human SYN3 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human SYN3 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SYN3 rabbit polyclonal antibody at 1:500 dilutionLane A: NCIH460 Whole Cell LysateLane B: U-251MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:63 kDaObserved band size:70 kDa(We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-SYN3 antibody	Distinct genes encode the three different isolated proteins (I, II, and III). The Synapsins (SYN1, SYN2, and SYN3) are important players in the adult brain, given their involvement in synaptic transmission and plasticity, as well as in the developing brain through roles in axon outgrowth and synaptogenesis. The synapsin III gene, SYN3, which belongs to the family of synaptic vesicle-associated proteins, has been implicated in the modulation of neurotransmitter release and synaptogenesis, suggesting a potential role in several neuropsychiatric diseases. Of interest, the gene of synapsin III (SYN3) is located in the chromosome 22q12-q13, a locus close to one of the candidate susceptibility regions (22q13.1) for MS, and a candidate region implicated in previous linkage studies of schizophrenia.
Product Categories/Family for anti-SYN3 antibody	G Protein-coupled Receptors Signaling
References	Liguori M, et al. (2004) Association between synapsin iii gene promoter polymorphisms and multiple sclerosis. J Neurol 251 (2): 165-170.Cruceanu C, et al. (2016) DNA hypomethylation of synapsin ii cpG islands associates with increased gene expression in bipolar disorder and major depression. BMC Psychiatry 16 (1): 286.Chen Q, et al. (2009) Association and expression study of synapsin iii and schizophrenia. Neurosci Lett 465 (3): 248-251.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.