Recombinant DGRmAb®

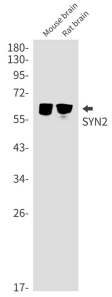
Synapsin 2 (DGR32124) Rabbit mAb

db11296 **Package : 10μL 20μL 50μL 100μL**

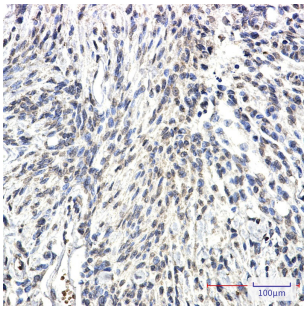
Product Name : Synapsin 2 (DGR32124) Rabbit mAb
Cat.No.: db11296
Synonyms : SYNII
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	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. This member of the synapsin family encodes a neuron-specific phosphoprotein that selectively binds to small synaptic vesicles in the presynaptic nerve terminal. Polymorphisms in this gene are associated with abnormal presynaptic function and related neuronal disorders, including autism, epilepsy, bipolar disorder and schizophrenia. Alternative splicing of this gene results in multiple transcript variants. The tissue inhibitor of metalloproteinase 4 gene is located within an intron of this gene and is transcribed in the opposite direction. [provided by RefSeq, Feb 2014]
Immunogen	A synthetic peptide of human SYN2
Gene ID	6854
Swiss Prot	Q92777
Synonyms	SYNII
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:100-1:200
Calculated MW	63 kDa
Observed MW	63 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR32124
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SYN2 in Hela,A549 cell lysates using SYN2 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human Brain using db11296 antibody.