

Mouse Synaptopodin Monoclonal Antibody | anti-Synpo antibody

Synaptopodin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74375	Mouse	Human, Bovine, Rat, Mouse, Guinea pig, Gerbil; negative with rabbit, frog and chicken. Reacts with a subset of exclusively telencephalic synapses, and recognizes differentiated podocytes (glomerular visceral epithelial cells) in vivo and in vitro. Does no	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

Synaptopodin; Monoclonal Antibody; Synaptopodin antibody; Monoclonal Synaptopodin; Anti-Synaptopodin; Podocyte protein; Anti Synaptopodin; anti-Synpo antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Bovine, Rat, Mouse, Guinea pig, Gerbil; negative with rabbit, frog and chicken. Reacts with a subset of exclusively telencephalic synapses, and recognizes differentiated podocytes (glomerular visceral epithelial cells) in vivo and in vitro. Does no
Clonality	Monoclonal
Isotype	IgG1
Clone Number	G1D4
Specificity	Rat synaptopodin
Purity/Purification	Culture supernatant
Form/Format	Cell culture supernatant with 0.01% Sodium Azide
Concentration	5.0ml (varies by lot)
Sequence Length	690
Applicable Applications for anti-Synpo antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Synaptopodin is a protein that in humans is encoded by the SYNPO gene. Synaptopodin is an actin-associated protein that may play a role in actin-based cell shape and motility. The name synaptopodin derives from the protein's associations with postsynaptic densities and dendritic spines and with renal podocytes.
Cross-Reactivity	Bovine gerbil, guinea pig, human, mouse, rat
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Synaptopodin antibody was raised in mouse using rat kidney glomeruli as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Synpo antibody	Mouse monoclonal Synaptopodin antibody
Product Categories/Family for anti-Synpo antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	158303337
NCBI GeneID	104027
NCBI Accession #	NP_001103445.1
NCBI GenBank Nucleotide #	NM_001109975.1
UniProt Accession #	Q3URF1; Q8CC35
Molecular Weight	74,017 Da
NCBI Official Full Name	synaptopodin isoform B
NCBI Official Synonym Full Names	synaptopodin
NCBI Official Symbol	Synpo
NCBI Official Synonym Symbols	AW046661; 9130229N11; 9030217H17Rik; 9330140I15Rik
NCBI Protein Information	synaptopodin
UniProt Protein Name	MCG6023
UniProt Gene Name	Synpo
UniProt Entry Name	Q3URF1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/synaptopodin-antibody-clone-g1d4-western-blot-immunohistochemistry-immunofluorescence-elisa/74375>