

For Research Use Only

SYNPO Polyclonal antibody

Catalog Number: 29662-1-AP



Basic Information

Catalog Number: 29662-1-AP	GenBank Accession Number: BC146665	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 230 µg/ml by Nanodrop;	GeneID (NCBI): 11346	Recommended Dilutions: WB 1:1000-1:6000 IF 1:200-1:800
Source: Rabbit	Full Name: synaptopodin	
Isotype: IgG	Calculated MW: 929 aa, 99 kDa	
Immunogen Catalog Number: AG31287	Observed MW: 44 kDa, 74-100 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : mouse brain tissue, IF : U2OS cells,

Background Information

Synaptopodin is a actin-associated protein expressed in mature dendritic spines and renal podocytes. Several isoforms of synaptopodin have been reported: the 100 kDa neural form and 110 kDa renal form. 44-45 kDa may represent the degradation product of synaptopodin. As a podocyte specific protein, synaptopodin expression level was decreased in kidney but increased in the urinary podocytes from patients with preeclampsia, indicating that synaptopodin is a useful marker for preeclampsia. (15841212, 10555072)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

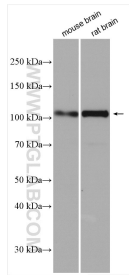
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29662-1-AP (SYNPO antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using SYNPO antibody (29662-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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