

# AB-NN232-1

## Chapsyn-110 Antibody

Pan-specific monoclonal antibody (S18-30) for monitoring the expression of rat Chapsyn-110



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Disks large homologue 2 (Chapsyn-110)
<b>Alias:</b>	PSD93, Chapsyn-110, MGC131811, PSD-93, Discs Large homologue 2, DLG2, Postsynaptic density protein PSD-93, DLGH2, Channel-associated protein of synapse-110
<b>UniProt ID:</b>	Q63622 - Rat
<b>Human Predicted Mass (KDa):</b>	95.000 (852 AA; B7Z2T4-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	110

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 1-852 of rat Chapsyn-110
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	9 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   IHC   IP
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-325 was sufficient for detection of Chapsyn -110 in 10 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~110 kDa protein. Weak human detection.
<b>Antibody Specificity:</b>	Very High
<b>Antibody Cross Reactivities:</b>	No cross-reactivity against other MAGUK family members, PSD95, SAP97, SAP102, expressed in transfected cells.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987