

AB-NN224-1

TARP Gamma2/4/8 (Stargazin) Antibody

Pan-specific monoclonal antibody (S245-36) for monitoring the expression of rat TARP Gamma2/4/8 (Stargazin)



KINEXUS

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Target Protein

Name Long:	Voltage-dependent calcium channel gamma-2 subunit (TARP Gamma2/4/8 (Stargazin))
Alias:	CACNG2, Calcium channel voltage dependent gamma subunit 2, CaV gamma 2, Ipr328, MGC123981, MGC138502, MGC138504, Voltage-dependent calcium channel gamma-2 subunit, Neuronal voltage-gated calcium channel gamma-2 subunit, Stargazin, Stg, Stargazer, TARP, TARP gamma-2, Transmembrane AMPAR regulatory protein gamma-2, AW060990, B230105C07Rik, B930041E13Rik, Wag, Wagglar
UniProt ID:	Q71RJ2 - Rat
Human Predicted Mass (KDa):	35.966 (323 AA; Q9Y698-1)
Observed SDS-PAGE Mass (KDa):	35-55

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 203-323 (Cytoplasmic C-terminus) of rat TARPGamma2
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	189 IgG2A
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	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

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-422 was sufficient for detection of TARP Gamma2/4/8 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~35-55 kDa protein.
Antibody Cross Reactivities:	Does not cross-react with TARPGamma3.

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

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