

AB-NN259-1

GABA-B Receptor 1 Antibody

Pan-specific monoclonal antibody (S93A-49) for monitoring the expression of rat GABA-B Receptor 1



KINEXUS

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Target Protein

Name Long:	Gamma-aminobutyric acid type B receptor subunit 1 (GABA-B Receptor 1)
Alias:	GABA-B receptor 1, GABA-B-R1, GABR1_Human, Gamma aminobutyric acid receptor 1, GB1, GPRC3A
UniProt ID:	Q9Z0U4 - Rat
Human Predicted Mass (kDa):	108.320 (961 AA; Q9UBS5-1); 104.665 (931 AA; Q9UBS5-4); 101.543 (899 AA; Q9UBS5-3); 95.148 (844 AA; Q9UBS5-2); 65.082 (578 AA; Q9UBS5-5)
Observed SDS-PAGE Mass (kDa):	115

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 873-977 (cytoplasmic C-terminus) of rat GABA(B)R1
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	90 IgG1
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:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-403 was sufficient for detection of GABA(B)R1 in 20 µg of rat brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~115 kDa protein.
Antibody Cross Reactivities:	No cross-reactivity against GABA(B)R2.

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

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