

AB-NN254-1

GABA-A Receptor Beta3 Antibody

Pan-specific monoclonal antibody (S87-25) for monitoring the expression of mouse GABA-A Receptor Beta3



KINEXUS

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Target Protein

Name Long:	Gamma-aminobutyric acid receptor subunit beta-3 (GABA-A Receptor Beta3)
Alias:	ECA5, GABA alpha receptor beta-2 subunit, GABA(A) receptor subunit beta-3, GABAA receptor beta 3 subunit, GABAA receptor subunit beta 3, GABR B3, Gabrb3, Gamma aminobutyric acid (GABA) A receptor beta 3, Gamma aminobutyric acid receptor subunit beta 3, Gamma-aminobutyric acid receptor subunit beta-3, GBRB3_HUMAN, MGC9051
UniProt ID:	P63080 - Mouse
Human Predicted Mass (KDa):	54.379 (473 AA; P28472-2); 54.116 (473 AA; P28472-1); 46.740 (402 AA; P28472-3); 45.006 (388 AA; P28472-4)
Observed SDS-PAGE Mass (KDa):	55

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 370-433 of mouse GABA-A-R-Beta3
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	89 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), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-339 was sufficient for detection of Beta3 GABA receptor in 10 µg of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~55 kDa protein.
Antibody Cross Reactivities:	No cross-reactivity against GABA-A-R-Beta 2 or -Beta1.

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 or contact us at 1-888-546-3987