

# AB-NN256-2

## GABA-B Receptor 2 Antibody

Pan-specific monoclonal antibody (S81-2) for monitoring the expression of rat GABA-B Receptor 2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Gamma-aminobutyric acid type B receptor subunit 2
<b>Alias:</b>	BcDNA: GH07312, CG6706, CT20836, D GABA[[B]]R2, D Gaba2, FLJ36928, G protein coupled receptor 51, G-protein coupled receptor 51, GAB B R2, GABA B R2, GABA B receptor 2, GABA B RECEPTOR, GABA-B receptor 2, GABA-B-R2, GABA-BR2, GABA[[B]]R2, GABAB R2, GABABR 2, GABABR2, GABB R2, GABBR 2, GABBR2, GABR2_HUMAN, Gamma aminobutyric acid (GABA) B receptor 2, Gamma aminobutyric acid B receptor 2, Gamma aminobutyric acid GABA B receptor 2, Gamma aminobutyric acid type B receptor subunit 2, Gamma-aminobutyric acid type B receptor subunit 2
<b>UniProt ID:</b>	O88871 - Rat
<b>Human Predicted Mass (KDa):</b>	105.821 (941 AA; H9NIL8-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	105

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 861-912 of rat GABA(B)R2
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	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   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); 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-402 was sufficient for detection of GABA(B)R2 in 20 µg of rat brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	In mouse brain lysates, this antibody detects a ~105 kDa protein.
<b>Antibody Specificity:</b>	Very High
<b>Antibody Cross Reactivities:</b>	No cross-reactivity against GABA(B)R1.

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

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