

AB-NN255-1

GABA-A Receptor Epsilon Antibody

Pan-specific monoclonal antibody (S413-67) for monitoring the expression of human GABA-A Receptor Epsilon



KINEXUS

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Target Protein

Name Long:	Gamma-aminobutyric acid receptor subunit epsilon
Alias:	Gamma-aminobutyric acid receptor subunit epsilon, GABRE
UniProt ID:	P78334 - Human
Human Predicted Mass (KDa):	57.972 (506 AA; P78334-1); 41.760 (365 AA; P78334-2)
Observed SDS-PAGE Mass (KDa):	60

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 27-253 (Extracellular N-terminus) of human GABA-A Receptor Epsilon
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	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, 0.1% 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 IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Antibody Positive Control:	A 1:100 dilution of SMC-493 was sufficient for detection of GABA-A R, Epsilon in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~60 kDa protein.
Antibody Specificity:	Very High

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