Product Datasheet

GABA-B R1 Antibody
NB300-145

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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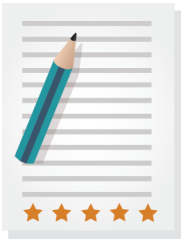

NB300-145

GABA-B R1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	100 kDa

Product Description	
Host	Rabbit
Gene ID	2550
Gene Symbol	GABBR1
Species	Human
Reactivity Notes	Human. Other species have not been tested.
Specificity/Sensitivity	This is specific for GABA BR1 protein.
Immunogen	Synthetic peptide to GABA BR1

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500-1:1000
Application Notes	NB 300-145 can be used for western blotting where it recognizes a band at 108 kDa representing GABABR1 protein. Suggested working dilutions: * Western Blot 1:500-1:1,000 Immunohistochemistry ND Immunoprecipitation ND *The investigator should determine the optimal working dilution for a specific application. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Procedures

Western Blot Protocol for GABA B Receptor 1 Antibody (NB300-145)
GABA-B R1 Antibody:
Procedure Guide for NB 300-145 Polyclonal Anti-GABA_R1

Western Blot Procedure

1) Resolve ~90 mg of whole brain or cerebral cortex tissue lysates on a 4-20% Tris-Glycine gel.
2) Transfer to nitrocellulose membranes.
3) Block membranes for 1 hour, at room temperature (RT), with TBST (Tween-20 at 0.05%) containing 5% non-fat dry milk (NFDM).
4) Incubate membranes overnight, at 4 degrees C, in NB 300-145 diluted 1:500 in 1X TBS + 1% BSA.
5) Wash with TBST (Tween-20 at 0.1%) wash for 35 minutes at RT (1 X 15 minutes, 2 X 10 minutes).
6) Incubate membranes with HRP-conjugated goat-anti-rabbit IgG, diluted in 1X TBS + 1% BSA, for 30 minutes at RT.
7) Wash with TBST wash for 35 minutes at RT (1 X 15 minutes, 2 X 10 minutes).
8) Using Alpha Innotech ChemiGlow ECL Kit, mix equal volumes of the two reagents. Incubate the membranes in the luminol reageant for ~30-60 seconds.
9) Develop accordingly.

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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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