

Product Datasheet

GABA-B R1 Antibody (2D7) - Azide and BSA Free H00002550-M01

Unit Size: 0.1 mg

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

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H00002550-M01

GABA-B R1 Antibody (2D7) - Azide and BSA Free

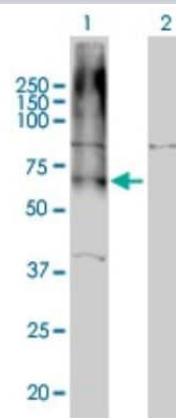
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2550
Gene Symbol	GABBR1
Species	Human, Mouse, Rat
Specificity/Sensitivity	GABBR1 - gamma-aminobutyric acid (GABA) B receptor, 1
Immunogen	GABBR1 (AAH50532, 52 a.a. ~ 151 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AVYIGALFPMMSGGWPGGQACQPAVEMALEDVNSRRDILPDYELKLIHHSKCD PGQATKYLYELLYNDPIKIILMPGCSSVSTLVAEAARMWNLIVLSYG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

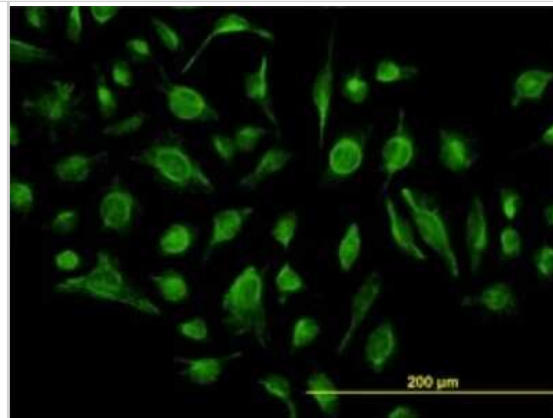
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate, transfected lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

Images

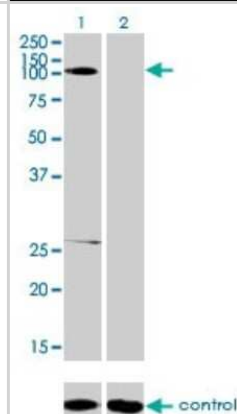
Western Blot: GABA-B R1 Antibody (2D7) [H00002550-M01] - Analysis of GABBR1 expression in transfected 293T cell line by GABBR1 monoclonal antibody (M01), clone 2D7. Lane 1: GABBR1 transfected lysate(95 KDa). Lane 2: Non-transfected lysate.



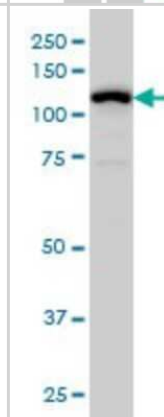
Immunocytochemistry/Immunofluorescence: GABA-B R1 Antibody (2D7) [H00002550-M01] - Analysis of monoclonal antibody to GABBR1 on HeLa cell. Antibody concentration 10 ug/ml.



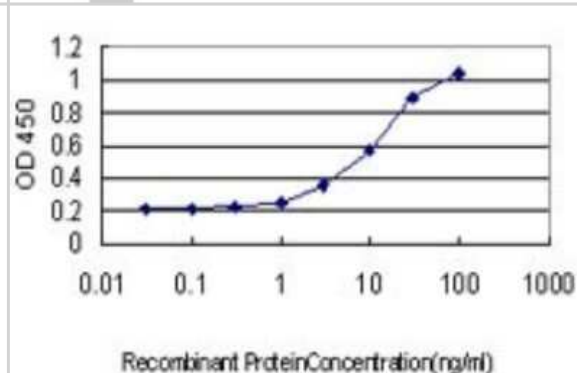
Western Blot: GABA-B R1 Antibody (2D7) [H00002550-M01] - Analysis of GABBR1 over-expressed 293 cell line, cotransfected with GABBR1 Validated Chimera RNAi (Cat # H00002550-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GABBR1 monoclonal antibody (M01), clone 2D7 (Cat # H00002550-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: GABA-B R1 Antibody (2D7) [H00002550-M01] - GABBR1 monoclonal antibody (M01), clone 2D7 Analysis of GABBR1 expression in IMR-32.



ELISA: GABA-B R1 Antibody (2D7) [H00002550-M01] - Detection limit for recombinant GST tagged GABBR1 is approximately 0.3ng/ml as a capture antibody.



Publications

Wang Y, Chen Y, Chen L et al. CORTICAL STIMULATION CAUSES LONG-TERM CHANGES IN H-REFLEXES AND SPINAL MOTONEURON GABA RECEPTORS. *J Neurophysiol.* 2012-08-08 [PMID: 22933718]

Onugoren MD, Rauschka H, Bien CG. Conjoint occurrence of GABAB receptor antibodies in Lambert-Eaton myasthenic syndrome with antibodies to the voltage gated calcium channel. *J Neuroimmunol.* 2014-05-29 [PMID: 24929678]

Dogan Onugoren M, Deuretzbacher D, Haensch CA et al. Limbic encephalitis due to GABAB and AMPA receptor antibodies: a case series. *J Neurol Neurosurg Psychiatry.* 2014-10-09 [PMID: 25300449]

Tse KP, Su WH, Chang KP, et al. Genome-wide association study reveals multiple nasopharyngeal carcinoma-associated loci within the HLA region at chromosome 6p21. *Am J Hum Genet.* 85(2):194-203. 2009-08-01 [PMID: 19664746]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00002550-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00002550-Q01-10ug	Recombinant Human GABA-B R1 GST (N-Term) Protein

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.

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