Product Datasheet

Glu-Glu Epitope Tag Antibody - BSA Free
NB600-354

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 13

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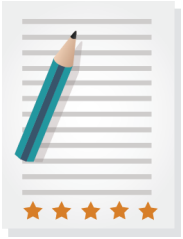
Updated 10/23/2024 v.20.1



NB600-354

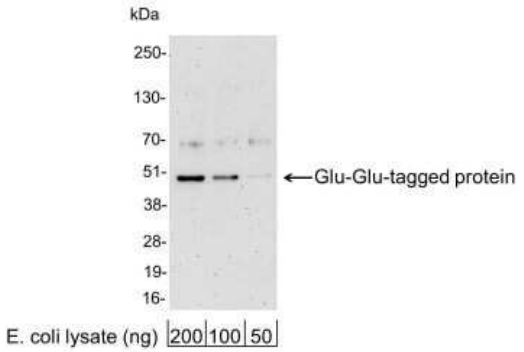
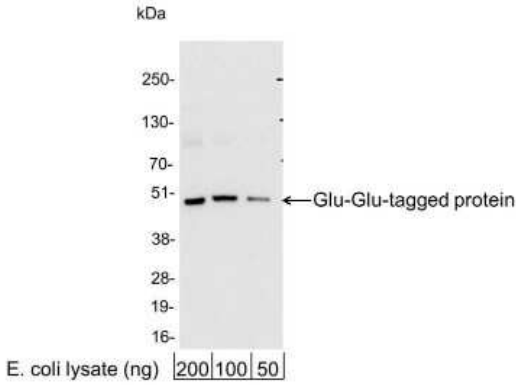
Glu-Glu Epitope Tag Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Species	Epitope Tag
Immunogen	Rabbits were immunized with glu-glu cleavage site (EYMPME) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support. Rabbit anti- human glu-glu affinity purified antibodies were coupled to peptide immobilized on solid support.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:30000, ELISA Primary-1:1000-1:30000; Coating: 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunoprecipitation 1 - 4 ug/mg lysate
Application Notes	Suggested working dilutions: * ELISA Coating 1:100-1:500Primary 1:1000-1:30,000 Western Blots Colorimetric detection 1:1000-1:10,000ECL 1:1000-1:30,000 Cyto 1:100-1:400 *The investigator should determine the optimal working dilution for a specific application. ELISA, Western blot and immunocytochemistry.

Images

Western Blot: Glu-Glu Epitope Tag Antibody [NB600-354] - Analysis using the HRP conjugate of NB600-354. Detection of 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.2 ug/ml (1:5,000).	
Western Blot: Glu-Glu Epitope Tag Antibody [NB600-354] - 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.04 ug/ml (1:25,000).	
Western Blot: Glu-Glu Epitope Tag Antibody [NB600-354] - Triton X-100 (1%0 Whole cell lysate(20mcg) from Cos7 cells transiently transfected with control vector (v) or an expression vector driving expression of Glu-Glu tagged RalBP1 (a to d).	

Publications

Stelmashenko O, Lalo U, Yang Y et al. Activation of trimeric P2X2 receptors by fewer than three ATP molecules. Mol Pharmacol 2012-10-01 [PMID: 22828800]

Bradley HJ, Baldwin JM, Goli GR et al. Residues 155 and 348 contribute to the determination of P2X7 receptor function via distinct mechanisms revealed by single-nucleotide polymorphisms. J Biol Chem 2011-03-01 [PMID: 21205829]

Roger S, Gillet L, Baroja-Mazo A et al. C-terminal calmodulin-binding motif differentially controls human and rat P2X7 receptor current facilitation. J Biol Chem 2010-06-01 [PMID: 20378545]

Li J, Sukumar P, Milligan CJ et al. Interactions, functions, and independence of plasma membrane STIM1 and TRPC1 in vascular smooth muscle cells. Circ Res 2008-10-01 [PMID: 18802022]

Xia R, Mei ZZ, Mao HJ et al. Identification of pore residues engaged in determining divalent cationic permeation in transient receptor potential melastatin subtype channel 2. J Biol Chem 2008-10-01 [PMID: 18687688]

Roger S, Pelegrin P, Surprenant A et al. Facilitation of P2X7 receptor currents and membrane blebbing via constitutive and dynamic calmodulin binding. J Neurosci 2008-06-01 [PMID: 18562610]

Liu X, Surprenant A, Mao HJ et al. Identification of key residues coordinating functional inhibition of P2X7 receptors by zinc and copper. Mol Pharmacol 2008-01-01 [PMID: 17959713]

Guo C, Masin M, Qureshi OS et al. Evidence for functional P2X4/P2X7 heteromeric receptors. Mol Pharmacol 2007-12-01 [PMID: 17785580]

Mei ZZ, Xia R, Beech DJ et al. Intracellular coiled-coil domain engaged in subunit interaction and assembly of melastatin-related transient receptor potential channel 2. J Biol Chem 2006-12-01 [PMID: 17060318]

Young MT, Pelegrin P, Surprenant A et al. Amino acid residues in the P2X7 receptor that mediate differential sensitivity to ATP and BzATP. Mol Pharmacol 2007-01-01 [PMID: 17032903]

Young MT, Pelegrin P, Surprenant A et al. Identification of Thr283 as a key determinant of P2X7 receptor function. Br J Pharmacol 2006-10-01 [PMID: 16940988]

Mei ZZ, Mao HJ, Jiang LH et al. Conserved cysteine residues in the pore region are obligatory for human TRPM2 channel function. Am J Physiol Cell Physiol 2006-11-01 [PMID: 16822940]

More publications at http://www.novusbio.com/NB600-354

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Products Related to NB600-354

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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