

Agmatine antibody

Cat. No. GTX134713

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	Dot, ELISA
Reactivity	Species independent

Package
100 µl, 25 µl

PRODUCT

Antibody specificity was performed with a competitive ELISA test with the following compounds:

Compounds	Cross-reactivity ratio
Agmatine-G-CP	1
β-Alanine-G-CP	1/> 10,000
β-hydroxyl GABA-G-CP	1/> 10,000
Glycine-G-CP	1/> 10,000
Glutamine-G-CP	1/> 10,000
Glutamate-G-CP	1/> 10,000

G: Glutaraldehyde, CP: Carrier Protein (Gelatin).

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
Dot	Assay dependent
ELISA	1:1000-1:10000

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.6 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to Agmatine
Purification	Purified by antigen-affinity chromatography.



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Conjugation Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

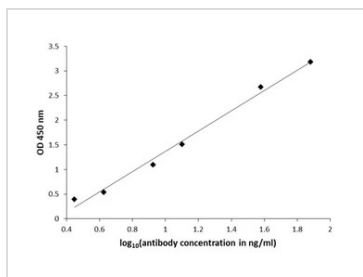
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DATA IMAGES



GTX134713 Dot Image

Dot blot analysis of 100 ng BSA-conjugated Agmatine, using Agmatine antibody (GTX134713) at 1:4000, 1:8000, and 1:16000.



GTX134713 ELISA Image

ELISA plate is coated with 100 µL of Agmatine-carrier protein conjugate at 10 µg/mL. The coated ligand is detected with Agmatine antibody (GTX134713) at concentrations ranging from 600 ng/mL down to 2.2 ng/mL. Rabbit IgG antibody (HRP) (GTX213110-01) is diluted at 1:2,000 and used to detect the primary antibody.



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