

5-Hydroxytryptophan antibody

Cat. No. GTX134711

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:

Summary

Compounds	Cross-reactivity ratio
5HTP-G-CP	1
Serotonin-G-CP	1/>10,000
Tyramine-G-CP	1/>10,000
Tryptamine-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

Dot Assay dependent

ELISA 1:1000-1:10000

Not tested in other applications.

Properties

Form Liquid

Buffer PBS, 1% BSA, 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 0.63 mg/ml (Please refer to the vial label for the specific concentration.)

Immunogen The immunogen used to generate this antibody corresponds to 5-Hydroxytryptophan

Purification Purified by antigen-affinity chromatography.

Conjugation Unconjugated



For full product information, images and publications, please visit our [website](#).

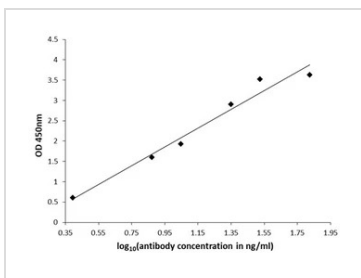
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Note

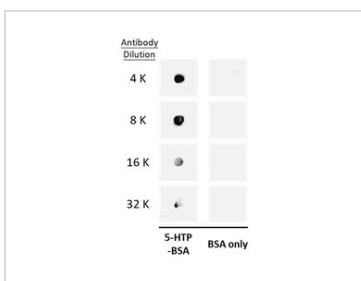
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DATA IMAGES



GTX134711 ELISA Image

ELISA plate is coated with 100 μ L of 5-hydroxytryptophan/5-HTP-carrier protein conjugate at 10 μ g/mL. The coated ligand is detected with 5-hydroxytryptophan/5-HTP antibody (GTX134711) at concentrations ranging from 630 ng/mL down to 2.3 ng/mL. Rabbit IgG antibody (HRP) (GTX213110-01) is diluted at 1:2,000 and used to detect the primary antibody.



GTX134711 Dot Image

Dot blot analysis of 100 ng BSA-conjugated 5-hydroxytryptophan/5-HTP, using 5-hydroxytryptophan/5-HTP antibody (GTX134711) at 1:4000, 1:8000, 1:16000 and 1:32000.



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