



RABBIT ANTI-D-SERINE POLYCLONAL ANTIBODY

CATALOG NUMBER: AB5917

LOT NUMBER:

QUANTITY: 100 µL

SPECIFICITY: D-Serine

The cross-reactivities were determined using an ELISA technique, at concentration/unconjugated or conjugated amino acid concentration at half displacement.

<u>Compound</u>	<u>Cross-reactivity ratio</u>
D-Serine-G-BSA	1
L-Serine-G-BSA	1/>50,000
D-Cysteine-G-BSA	1/>50,000
D-Alanine-G-BSA	1/>50,000

Abbreviations:

(G) Glutaraldehyde
(BSA) Bovine Serum Albumin

IMMUNOGEN: D-Serine-Glutaraldehyde-BSA

APPLICATIONS: Immunohistochemistry: 1:500-1:2,500.
Optimal working dilutions must be determined by the end user.

FORMAT: Rabbit antiserum.

PRESENTATION: Liquid with 0.05% sodium azide.

STORAGE: Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.

REFERENCES: Mothet, J.P., et al., Glutamate receptor activation triggers a calcium-dependent and SNARE protein-dependent release of the gliotransmitter D-serine. *PNAS* (2005) **102**:5606-5611.
Dememes, D., et al., Cellular distribution of D-Serine, Serine racemase and D-Amino acid oxidase in the rat vestibular sensory epithelia. *Neuroscience* (2006) **137**:991-997 .



Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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