

Serine Racemase Rabbit mAb
Catalog # AP76708**Specification**

Serine Racemase Rabbit mAb - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q9GZT4 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 36566 |

Serine Racemase Rabbit mAb - Additional Information**Gene ID** 63826**Other Names**

SRR

Dilution

WB~~1/500-1/1000

Format

Liquid

Serine Racemase Rabbit mAb - Protein Information**Name** SRR**Function**

Catalyzes the synthesis of D-serine from L-serine (PubMed:20106978, PubMed:23391306, PubMed:29277459). D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine (By similarity).

Tissue Location

Expressed in the cerebellum, hippocampus, dorsolateral prefrontal cortex, and in motor neurons and glial cells of the lumbar spinal cord (at protein level) (PubMed:17880399, PubMed:24138986). Increased in the dorsolateral prefrontal cortex of schizophrenic patients (at protein level) (PubMed:17880399). Brain: expressed at high levels in hippocampus and corpus callosum, intermediate levels in substantia nigra and caudate, and low levels in amygdala, thalamus, and subthalamic nuclei (PubMed:15193426). Expressed in heart, skeletal muscle, kidney, and liver (PubMed:15193426)

Serine Racemase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Serine Racemase Rabbit mAb - Images

