



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Recombinant Rat Choline Acetyl Transferase

Catalog No.
DS-01-0051

Target Species
Rat

Preparation

Preparation: Purified recombinant rat choline acetyltransferase expressed in *Escherichia coli*.

Specificity

DS-01-0051 is a recombinant protein corresponding to rat Choline Acetyltransferase (ChAT), an enzyme that catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.

This product may be used as blocking peptide for DS-PB-00473 at a suggested concentration range of 2-5 µg/ml. The antigen should be incubated with the antibody for 3 hours at 4°C before being used on tissue sections.

Applications

Table Summary of Protein Applications and Working Conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting			.	
IHC - Frozen	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Formulation

Product Form: Purified recombinant ChAT- liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 10% Glycerol

Approx. Protein Concentration: Total protein concentration 0.25 mg/ml

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Storage

Store at -20°C only. Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 6 months from date of dispatch

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