



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Rabbit Anti-Rat Adenine Nucleotide Translocator 1 With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-PB-00073

**Species**  
Rat

**Isotype**  
Rabbit IgG

### Preparation

**Preparation:** Purified IgG prepared by affinity chromatography on Protein G

**Immunogen:** Synthetic peptide corresponding to amino acids 1 - 11 of rat ANT1 conjugated to KLH.

**Peptide sequence:** CGDQALSFLKDF

### Specificity

This product is specific for Adenine Nucleotide Translocator 1 (ANT1).

In Western blots on rat heart mitochondria, it gives a peptide blockable duplet at 31/33 kD, and part peptide blockable duplets at 38/48 kD and 66/70 kD.

**Species Cross Reactivity:** Based on sequence similarity, is expected to react with: Mouse, Rabbit, Bovine, Chicken

Antibody reactivity and working conditions may vary between species.

### Formulation

**Product Type:** Polyclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09 % Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein: Concentrations:** 5.0mg/ml

### Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting	•			

Note: Other applications are not tested yet. Optimal dilutions should be.

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



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### **Secondary Antibody Applications**

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

### **Storage**

18 months from date of dispatch.

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

**Avoid repeated freezing and thawing as this may denature the antibody.**

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