



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Certificate of Analysis and Data Sheet

#### **Rabbit Anti Acetylcholine** **With HRP Conjugated Secondary Antibody**

**Catalog No.**  
DS-PB-00046

**Target Species**  
Broad

**Isotype**  
Polyclonal IgG

#### ***Preparation***

**Preparation:** Purified Ig prepared by affinity chromatography

**Immunogen:** Synthetic acetylcholine conjugated to Keyhole limpet Haemocyanin.

#### ***Specificity***

DS-PB-00046 is specific for acetylcholine, a neurotransmitter involved in the transmission of nerve impulses across synapses.

**Histology Positive Control:** Rat brain tissue

#### ***Formulation***

**Product Type:** Polyclonal Antibody

**Product Form:** Purified IgG - liquid

**Preservative Stabilizers:** 0.09% Sodium Azide ( $\text{NaN}_3$ )

**Buffer Solution:** Phosphate buffered saline

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

#### ***Storage***

**Shelf Life:** 18 months from date of dispatch.

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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

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



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			1/50 - 1/500
Western Blotting			.	
Immunohistology - frozen	.			
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Gel Super Shift Assays			.	

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

### Secondary Antibody Applications

<b>Options 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

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