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## anti-SLC37A4 antibody





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Quantity:	200 μL
Target:	SLC37A4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC37A4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## **Product Details**

Immunogen:	A synthetic peptide of human SLC37A4 (NP_001157752.1).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

### **Target Details**

Target:	SLC37A4	
Alternative Name:	SLC37A4 (SLC37A4 Products)	
Background:	This gene regulates glucose-6-phosphate transport from the cytoplasm to the lumen of the endoplasmic reticulum, in order to maintain glucose homeostasis. It also plays a role in ATP-	
	mediated calcium sequestration in the lumen of the endoplasmic reticulum. Mutations in this	
	gene have been associated with various forms of glycogen storage disease. Alternative splicin	

## **Target Details**

	in this gene results in multiple transcript variants.	
Gene ID:	2542	
UniProt:	043826	
Pathways:	Carbohydrate Homeostasis, Cellular Glucan Metabolic Process	

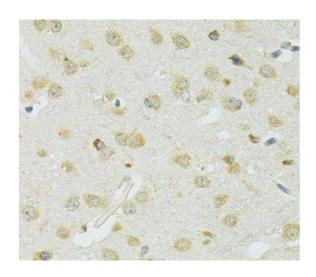
## **Application Details**

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

## Handling

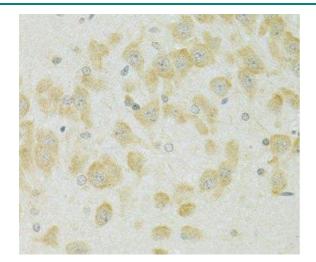
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	

## **Images**



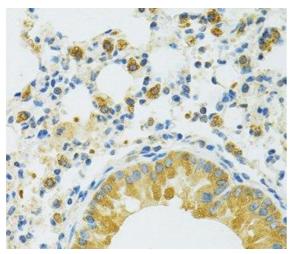
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse brain using SLC37A4 Polyclonal Antibody at dilution of 1:100 (40x lens).



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Rat brain using SLC37A4 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Mouse lung using SLC37A4 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7257962.