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Datasheet for ABIN738036  
**anti-Serotonin antibody**

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	Serotonin (5-HT)
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated to 5-HT
Isotype:	IgG
Cross-Reactivity:	Rat
Cross-Reactivity (Details):	5-HT
Purification:	Purified by Protein A.

### Target Details

Target:	Serotonin (5-HT)
Alternative Name:	5-Ht ( <a href="#">5-HT Products</a> )

## Target Details

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Target Type:	Chemical
Background:	<p>Synonyms: Serotonin, 5-hydroxytryptamine, 3-2-Aminoethyl-5-hydroxyindole hydrochloride, 5-HT, 5-Hydroxytryptamine hydrochloride.</p> <p>Background: Serotonin (pronounced) (5-hydroxytryptamine, or 5-HT) is a monoamine neurotransmitter synthesized in serotonergic neurons in the central nervous system (CNS) and enterochromaffin cells in the gastrointestinal tract of animals including humans. Serotonin is also found in many mushrooms and plants, including fruits and vegetables.</p>

## Application Details

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Application Notes:	IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

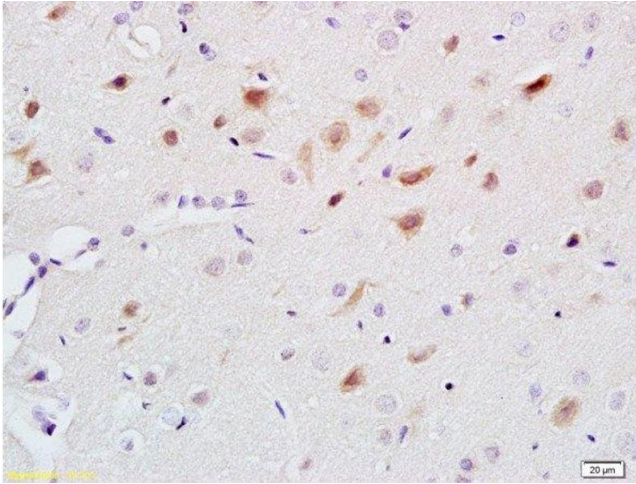
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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in:	Yin, Zhong, Wang, Zhao, Zhao, Kuang: "Tong Xie Yao Fang relieves irritable bowel syndrome in rats via mechanisms involving regulation of 5-hydroxytryptamine and substance P." in: <b>World journal of gastroenterology : WJG</b> , Vol. 21, Issue 15, pp. 4536-46, (2015) ( <a href="#">PubMed</a> ).
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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-5-HT Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.