

Datasheet for ABIN7221612  
**anti-5HT1B Receptor antibody (AA 180-260)**



[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	5HT1B Receptor (HTR1B)
Binding Specificity:	AA 180-260
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 5HT1B Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	SR-1B Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human SR-1B at AA range: 180-260
Isotype:	IgG
Specificity:	SR-1B Polyclonal Antibody detects endogenous levels of SR-1B protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

## Target Details

Target:	5HT1B Receptor (HTR1B)
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## Target Details

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Alternative Name:	SR-1B ( <a href="#">HTR1B Products</a> )
Background:	Rabbit Anti-SR-1B Polyclonal Antibody,HTR1B, HTR1DB, 5-hydroxytryptamine receptor 1B, 5-HT-1B, 5-HT1B, S12, Serotonin 1D beta receptor, 5-HT-1D-beta, Serotonin receptor 1B,The 5-hydroxytryptamine receptor 1B encoded by HTR1B is a G-protein coupled receptor for serotonin (5-hydroxytryptamine). Ligand binding activates second messengers that inhibit the activity of adenylate cyclase and manage the release of serotonin, dopamine, and acetylcholine in the brain. The encoded protein may be involved in several neuropsychiatric disorders and therefore is often a target of antidepressant and other psychotherapeutic drugs.,5-hydroxytryptamine receptor 1B
Molecular Weight:	observed band 43kDa
Gene ID:	3351
UniProt:	<a href="#">P28222</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Feeding Behaviour</a> , <a href="#">S100 Proteins</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
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

## Handling

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Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.