

Datasheet for ABIN6259317  
**anti-TRPS1 antibody (N-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TRPS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human TRPS1, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	TRPS1 Antibody detects endogenous levels of total TRPS1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	TRPS1
---------	-------

## Target Details

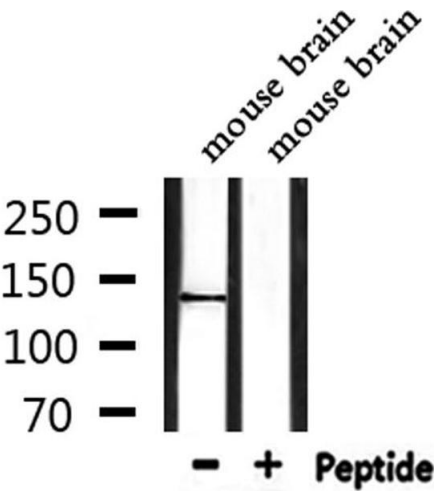
Alternative Name:	TRPS1 ( <a href="#">TRPS1 Products</a> )
Background:	<p>Description: Transcriptional repressor. Binds specifically to GATA sequences and represses expression of GATA-regulated genes at selected sites and stages in vertebrate development. Regulates chondrocyte proliferation and differentiation. Executes multiple functions in proliferating chondrocytes, expanding the region of distal chondrocytes, activating proliferation in columnar cells and supporting the differentiation of columnar into hypertrophic chondrocytes.</p> <p>Gene: TRPS1</p>
Molecular Weight:	0 kDa
Gene ID:	7227
UniProt:	<a href="#">Q9UHF7</a>
Pathways:	<a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	IHC: 1:50-1:200, WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

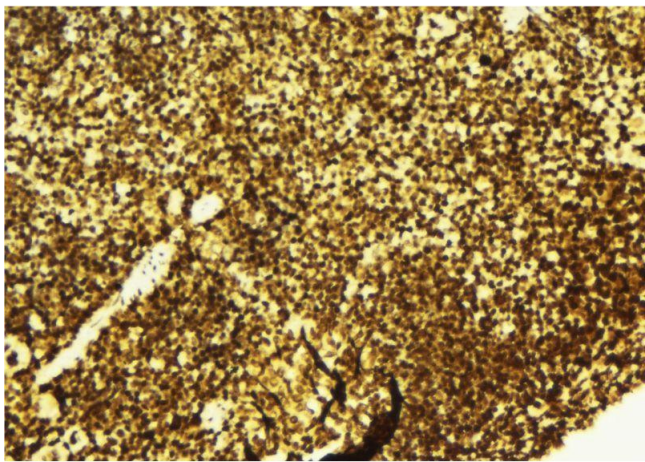
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of extracts from mouse brain, using TRPS1 Antibody.



#### Immunohistochemistry

**Image 2.** ABIN6274541 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.