

Datasheet for ABIN6257891  
**anti-TRIO antibody (Internal Region)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	TRIO
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

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

## Target Details

Target:	TRIO
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## Target Details

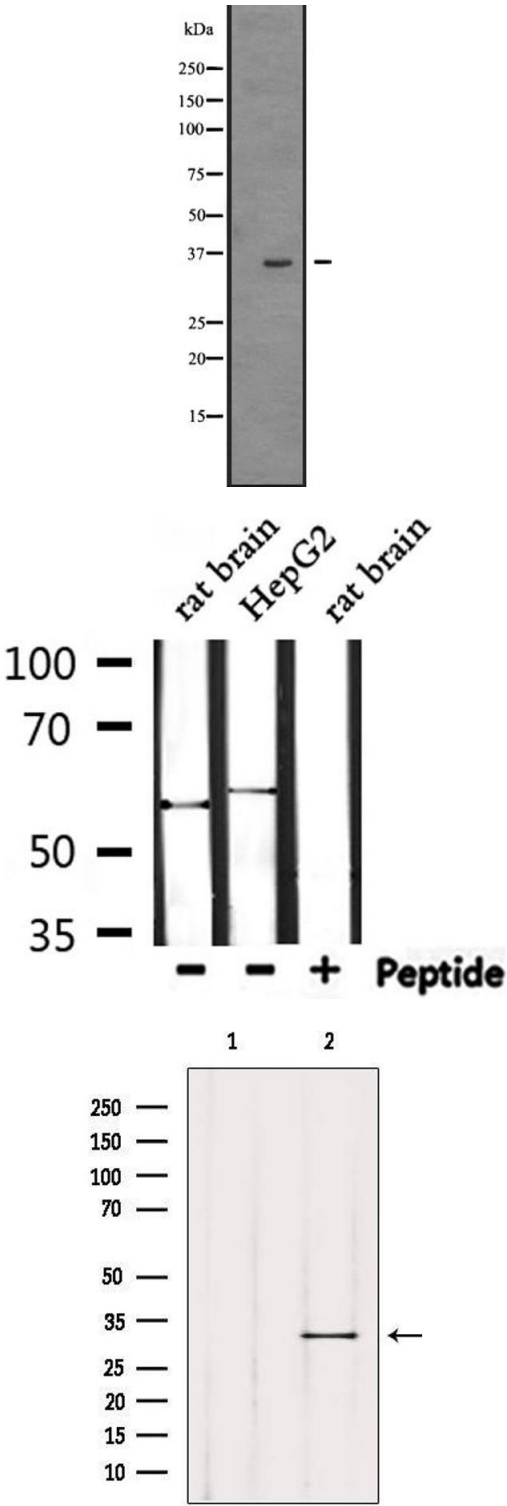
Alternative Name:	TRIO ( <a href="#">TRIO Products</a> )
Background:	<p>Description: Guanine nucleotide exchange factor (GEF) for RHOA and RAC1 GTPases (PubMed:8643598, PubMed:27418539). Involved in coordinating actin remodeling, which is necessary for cell migration and growth (PubMed:10341202). In developing hippocampal neurons, limits dendrite formation, without affecting the establishment of axon polarity. Once dendrites are formed, involved in the control of synaptic function by regulating the endocytosis of AMPA-selective glutamate receptors (AMPA) at CA1 excitatory synapses (By similarity). May act as a regulator of adipogenesis (By similarity).</p> <p>Gene: TRIO</p>
Molecular Weight:	31 kDa
Gene ID:	7204
UniProt:	<a href="#">075962</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200, 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
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of TRIO expression in HEK293 cells ,The lane on the left is treated with the antigen-specific peptide.

#### Western Blotting

**Image 2.** Western blot analysis of extracts from rat brain and HepG2, using TRIO Antibody.

#### Western Blotting

**Image 3.** Western blot analysis of extracts from Mouse lung, using TRIO Antibody. The lane on the left was treated with blocking peptide.