

Datasheet for ABIN6244173  
**anti-SIM1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	SIM1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIM1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Zebrafish SIM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Zebrafish SIM1.
Clone:	RB32160
Isotype:	Ig Fraction
Predicted Reactivity:	M, D
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	SIM1
Alternative Name:	SIM1 ( <a href="#">SIM1 Products</a> )

## Target Details

**Background:** SIM1 and SIM2 genes are Drosophila single-minded (sim) gene homologs. SIM1 transcript was detected only in fetal kidney out of various adult and fetal tissues tested. Since the sim gene plays an important role in Drosophila development and has peak levels of expression during the period of neurogenesis, it was proposed that the human SIM gene is a candidate for involvement in certain dysmorphic features (particularly the facial and skull characteristics), abnormalities of brain development, and/or mental retardation of Down syndrome.

**Molecular Weight:** 82919

**UniProt:** [F1QMF7](#)

## Application Details

**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

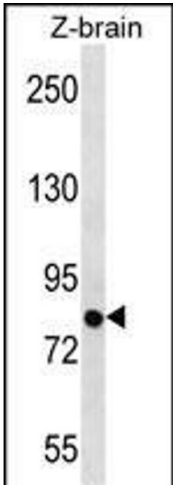
**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

**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:** 4 °C, -20 °C

**Expiry Date:** 6 months



Western Blotting

**Image 1.** Zebrafish SIM1 Antibody (N-term) (ABIN656884 and ABIN2846084) western blot analysis in zebra fish brain tissue lysates (35 µg/lane). This demonstrates the SIM1 antibody detected the SIM1 protein (arrow).