

Datasheet for ABIN2780094  
**anti-BHLHE23 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	BHLHE23
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHE23 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the n terminal region of mouse Bhlhb4
Sequence:	MAELKSLSGD SYLALSHSYT ATGHAYAAAR GPETTRGFGA SGPGGDLPA
Predicted Reactivity:	Mouse: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Bhlhb4. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	BHLHE23
Alternative Name:	Bhlhb4 ( <a href="#">BHLHE23 Products</a> )
Background:	May function as transcriptional repressor. May modulate the expression of genes required for

## Target Details

the differentiation and/or maintenance of pancreatic and neuronal cell types. May be important for rod bipolar cell maturation.

Alias Symbols: A930001L02Rik, BETA4, Bhlhb4

Protein Size: 223

Molecular Weight: 24 kDa

Gene ID: 140489

NCBI Accession: [NM\\_080641](#), [NP\\_542372](#)

UniProt: [Q8BGW3](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 223 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

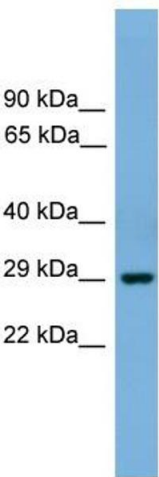
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-Bhlhb4 Antibody Titration:  
0.2-1 ug/ml Positive Control: Mouse Brain