

Datasheet for ABIN2779635

anti-BHLHE22 antibody (N-Term)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	BHLHE22
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLHE22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human BHLHB5
Sequence:	LPAGAAALCLK YGESASRGSV AESSGGEQSP DDDSDGRCEL VLRAGVADPR
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against BHLHB5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	BHLHE22
---------	---------

Target Details

Alternative Name:	BHLHB5 (BHLHE22 Products)
Background:	<p>BHLHB5 is a member of family of basic helix-loop-helix (bHLH) transcription factors. Members of this family have been implicated in many aspects of neural development, including cell growth, differentiation, and cell migration.</p> <p>Alias Symbols: Beta3, BHLHB5, CAGL85, TNRC20</p> <p>Protein Size: 381</p>
Molecular Weight:	37 kDa
Gene ID:	27319
NCBI Accession:	NM_152414 , NP_689627
UniProt:	Q8NFJ8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 381 AA
Restrictions:	For Research Use only

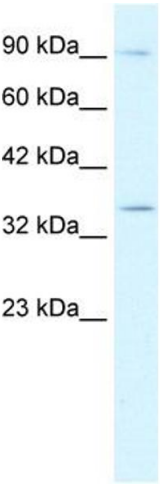
Handling

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.

Publications

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-BHLHB5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate