

Datasheet for ABIN653104
anti-BAHD1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	BAHD1
Binding Specificity:	AA 750-777, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAHD1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BAHD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 750-777 amino acids from the C-terminal region of human BAHD1.
Clone:	RB23425
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BAHD1
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Target Details

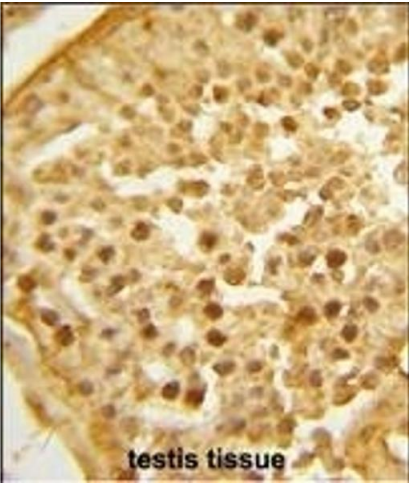
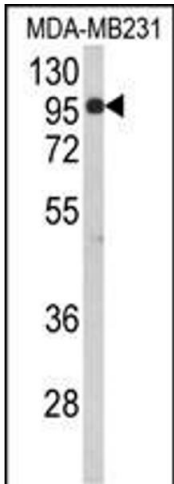
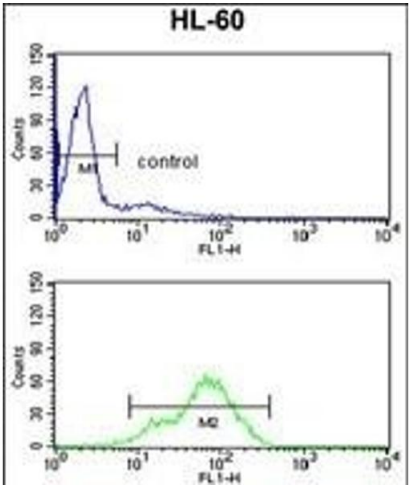
Alternative Name:	BAHD1 (BAHD1 Products)
Background:	BAHD1 is a heterochromatin protein that acts as a transcription repressor and has the ability to promote the formation of large heterochromatic domains. It may act by recruiting heterochromatin proteins such as CBX5 (HP1 alpha), HDAC5 and MBD1. It represses IGF2 expression by binding to its CpG-rich P3 promoter and recruiting heterochromatin proteins.
Molecular Weight:	84652
Gene ID:	22893
NCBI Accession:	NP_055767
UniProt:	Q8TBE0

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. BAHD1 Antibody (C-term) (ABIN653104 and ABIN2842693) flow cytometry analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of BAHD1 Antibody (C-term) (ABIN653104 and ABIN2842693) in MDA-M cell line lysates (35 µg/lane). BAHD1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human testis tissue reacted with BAHD1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.