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Datasheet for ABIN6655627
anti-ZBTB24 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	ZBTB24
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZBTB24 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Bif-1 Antibody was produced in mice and was prepared by repeated immunizations at the c-terminus of the human recombinant protein Bif-1. Immunogen Type: Peptide
Clone:	30A882-1-1
Isotype:	IgG1
Purification:	Anti-Bif-1 Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with Anti-Bif-1 from Human based on 100% homology with the immunizing sequence. Cross-reactivity with Anti-Bif-1 from other sources has not been determined.

Target Details

Target:	ZBTB24
Alternative Name:	Bif-1 (ZBTB24 Products)
Background:	<p>Synonyms: KIAA0491, Endophilin-B1, Bax-interacting factor 1, Bif-1, SH3 domain-containing GRB2-like protein B1</p> <p>Background: Anti-Bif-1 Antibody detects human BIF. The Bcl-2 family consists of anti-apoptotic (or cell survival) genes, such as Bcl-2, Bcl-XL and pro-apoptotic (or cell death) genes including Bax and BAD. In addition to its anti-apoptotic effect, Bcl-2 also inhibits progression through the cell cycle. Functional interactions between family members as well as binding to other cellular proteins modulate their activities. Bcl-2 family members are important in normal tissue development, homeostasis, and disease states. Bcl-2 prevents cell death by forming heterodimers with Bax and Bad. Bax promotes cell death by forming homodimers, which can be blocked by forming heterodimers with Bcl-2 or BCL-XL. Recently, using yeast two-hybrid system Cuddeback have identified a cDNA encoding a 365 amino acid protein, which interacts physically with Bax protein and influences cell life and death. Bif-1 contains a Src homology 3 (SH3) domain in the C-terminus. It does not contain any of the conserved Bcl-2 homology (BH) domains of the Bcl-2 family proteins. Human Bif-1 protein shares 96 % and 42 % identity at the amino acids level with mouse and C. elegans, respectively. Overexpression of Bif-1 in transfected cell lines promotes Bax conformational change, caspase activation, and apoptotic cell death following growth factor withdrawal. Bif-1 RNA is abundantly expressed in heart, skeletal muscle, kidney, and placenta. Anti-BIF-1 antibody is ideal for investigators involved in cytokines and growth factor research and NFkappaB and signaling research.</p> <p>Gene Name: SH3GLB1</p>

Application Details

Application Notes:	<p>Application Note: Anti-Bif-1 Antibody is suitable for use in IP and WB. Expect a band approximately 23 kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.</p> <p>Western Blot Dilution: 1-2- µg/mL</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

Stabilizer: 0.05 % BSA

0.05 % (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: RT, 4 °C, -20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.