ARG55803
anti-Bcl 10 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Bcl 10
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Bcl 10
Species	Human
Immunogen	Recombinant protein of Human Bcl-10 (NP_003912.1)
Conjugation	Un-conjugated
Alternate Names	B-cell CLL/lymphoma 10; Cellular homolog of vCARMEN; cCARMEN; IMD37; CIPER; c-E10; Mammalian CARD-containing adapter molecule E10; Bcl-10; CED-3/ICH-1 prodomain homologous E10-like regulator; mE10; CARD-containing molecule enhancing NF-kappa-B; B-cell lymphoma/leukemia 10; hCLAP; Cellular-E10; CARMEN; CLAP; CARD-like apoptotic protein

Application Instructions

Predict Reactivity Note	Mouse, Rat

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	BT474

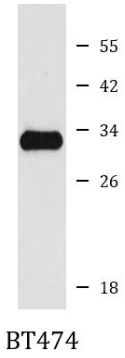
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	BCL10
Gene Full Name	B-cell CLL/lymphoma 10
Background	This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. [provided by RefSeq, Jul 2008]
Function	Involved in adaptive immune response. Promotes apoptosis, pro-caspase-9 maturation and activation of NF-kappa-B via NIK and IKK. May be an adapter protein between upstream TNFR1-TRADD-RIP complex and the downstream NIK-IKK-IKAP complex. Is a substrate for MALT1. [UniProt]
Calculated Mw	26 kDa
PTM	Phosphorylated. Phosphorylation results in dissociation from TRAF2 and binding to BIRC2/c-IAP2. Phosphorylated by IKBKB/IKKB.

Images



ARG55803 anti-Bcl 10 antibody WB image

Western blot: BT474 cell lysate stained with ARG55803 anti-Bcl 10 antibody.