

Product datasheet for **TA306100**

Bcl rambo (BCL2L13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 2 - 4 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Bcl-rambo antibody was raised against a 15 amino acid peptide from near the center of human Bcl-rambo.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	BCL2 like 13
Database Link:	AAH07658 Entrez Gene 23786 Human Q9B XK5



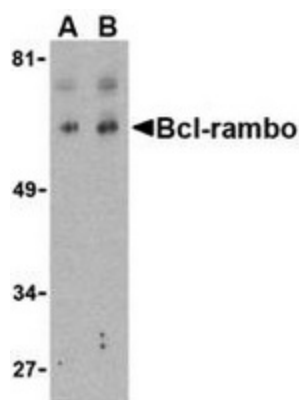
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Background:

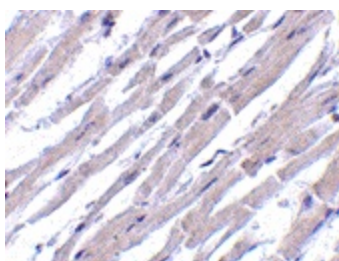
Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer (reviewed in 1). Members of the Bcl-2 family are known to be critical regulators of this process. These proteins are characterized by the presence of several conserved motifs termed Bcl-2 homology (BH) domains (reviewed in 2 and 3). A novel, widely expressed member termed Bcl-rambo was recently identified. This protein is localized to mitochondria in mammalian cells and its overexpression induces apoptosis which could be blocked by co-expression of inhibitor of apoptosis proteins (IAPs) such as XIAP, cIAP1, and cIAP2 (4). Bcl-rambo shows overall homology to the anti-apoptotic members containing BH motifs, but unlike Bcl-2, the C-terminal membrane anchor of Bcl-rambo is preceded by a unique 250 amino acid insertion. This region by itself can induce apoptosis more efficiently than the Bcl-2 homology regions, suggesting that Bcl-rambo may be important other pro-apoptotic pathways (4).

Synonyms:

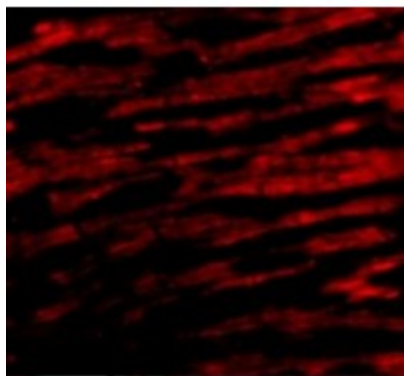
BCL-RAMBO; Bcl2-L-13; MIL1

Product images:


Western blot analysis of Bcl-rambo in K562 cell lysate with Bcl-rambo antibody at (A) 2 and (B) 4 ug/ml.



Immunohistochemistry of Bcl-rambo in human heart tissue with Bcl-rambo antibody at 10 ug/ml.



Immunofluorescence of Bcl-rambo in Human Heart cells with Bcl-rambo antibody at 20 ug/mL.