

Product datasheet for **TA354317**

Bim (BCL2L11) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from N-terminus of human BIM.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~32, 29 and 15 kDa
Gene Name:	BCL2 like 11
Database Link:	NP_001191035 Entrez Gene 12125 Mouse Entrez Gene 64547 Rat Entrez Gene 10018 Human O43521
Background:	Bim (bcl-2-interacting mediator of cell death, BCL-2-related Ovarian Death Gene) is a proapoptotic member of the Bcl-2 family that shares the homology domain3 (BH3) with this family. Bim exists in three isoforms: BimEL, BimL, and BimS. As the BCL-2 family members reside upstream of irreversible cellular damage and focus much of their efforts at the level of mitochondria, they play a pivotal role in deciding whether a cell will live or die. In healthy cells, BIM molecules are localized to the microtubule-associated dynein motor complex through association with the LC8 dynein light chain. Following a death signal, LC8 and BIM dissociate from the motor complex and together translocate to the mitochondria. At the mitochondria, BIM is thought to interact with BCL-2 to antagonize its antiapoptotic activity.

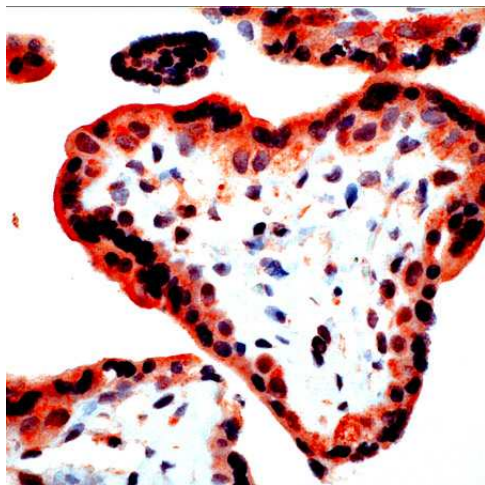


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Synonyms: BAM; BIM; BOD

Protein Families: Druggable Genome

Product images:



IHC: Human placenta stained with Rabbit anti-BIM antibody, at 1:25 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.