Bcl2 相互作用蛋白 1 抗体（转化相关基因 8 蛋白）

产品货号： mlR6681

英文名称： BNIP1

中文名称： Bcl2 相互作用蛋白 1 抗体（转化相关基因 8 蛋白）

别　　名： NIP1; BCL2 adenovirus E1B 19kD interacting protein 1; BCL2/adenovirus E1B 19 kDa protein-interacting protein 1; BNIP1; sec20; SEC20_HUMAN; SEC20L; Transformation-related gene 8 protein; TRG-8; TRG8; Vesicle transport protein SEC20.

研究领域： 细胞生物　神经生物学　信号转导　细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 26kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human BNIP1/TRG8:51-150/228

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed： PubMed

产品介绍 background:

SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER. Required for maintenance of ER network. Implicated in the suppression of cell death.

Tissue specificity: Isoform 1 is highly expressed in heart, brain, liver skeletal muscle and pancreas. Isoform 3 is moderately expressed in placenta, lung and kidney. Isoform 4 is highly expressed in testis and small intestine.

Function:

SNARE that may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER. Required for maintenance of ER network. Implicated in the suppression of cell death. May be involved in mitochondrial autophagy.

Subunit:

Component of a SNARE complex consisting of STX18, USE1L, BNIP1/SEC20L and SEC22B. Interacts directly with STX18, RINT1/TIP20L and NAPA. Interacts with ZW10 through RINT1. Interacts with BCL2 and adenovirus E1B 19 kDa protein.

Subcellular Location:

Mitochondrion. Endoplasmic reticulum membrane; Single-pass type IV membrane protein.

Tissue Specificity:

Isoform 1 is highly expressed in heart, brain, liver skeletal muscle and pancreas. Isoform 3 is moderately expressed in placenta, lung and kidney. Isoform 4 is highly expressed in testis and small intestine.

Post-translational modifications:

'Lys-63'-linked polyubiquitination by RNF185 allows recruiting of autophagy receptor SQSTM1, which

simultaneously binds both ubiquitin and LC3 to link ubiquitination and autophagy.

Similarity:

Belongs to the SEC20 family.

SWISS:

Q12981

Gene ID:

662

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.