

RNF144B Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18585c**Specification**

RNF144B Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O7Z419
Other Accession	NP_877434.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33697
Antigen Region	90-118

RNF144B Antibody (Center) - Additional Information**Gene ID** 255488**Other Names**

E3 ubiquitin-protein ligase RNF144B, 632-, IBR domain-containing protein 2, RING finger protein 144B, p53-inducible RING finger protein, RNF144B, IBRDC2, P53RFP

Target/Specificity

This RNF144B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-118 amino acids from the Central region of human RNF144B.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RNF144B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF144B Antibody (Center) - Protein Information**Name** RNF144B**Synonyms** IBRDC2, P53RFP

Function E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates such as LCMT2, thereby promoting their degradation. Induces apoptosis via a p53/TP53-dependent but caspase-independent mechanism. However, its overexpression also produces a decrease of the ubiquitin- dependent stability of BAX, a pro-apoptotic protein, ultimately leading to protection of cell death; But, it is not an anti-apoptotic protein per se.

Cellular Location

Mitochondrion membrane; Single-pass membrane protein. Cytoplasm Note=Mostly cytosolic, accumulates in submitochondrial domains specifically upon apoptosis induction, in synchrony with BAX activation

Tissue Location

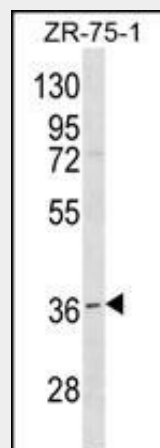
Broadly expressed, with lowest levels in brain and thymus, and highest levels detectable in heart, ovary and testis

RNF144B Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF144B Antibody (Center) - Images



RNF144B Antibody (Center) (Cat. #AP18585c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the RNF144B antibody detected the RNF144B protein (arrow).

RNF144B Antibody (Center) - Background

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produces a decrease of the ubiquitin-dependent stability of BAX, a pro-apoptotic protein, ultimately leading to protection of cell death; But, it is not an anti-apoptotic protein per se.

RNF144B Antibody (Center) - References

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