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RNF144B Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18585c

Specification

RNF144B Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q7Z419

RNF144B Antibody (Center) Blocking Peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RNF144B Antibody (Center) Blocking Peptide - 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 cytosololic, 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

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RNF144B Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

RNF144B Antibody (Center) Blocking Peptide - Images

RNF144B Antibody (Center) Blocking Peptide - Background

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RNF144B Antibody (Center) Blocking Peptide - References

Sayan, B.S., et al. Proc. Natl. Acad. Sci. U.S.A. 107(29):12877-12882(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Benard, G., et al. EMBO J. 29(8):1458-1471(2010)Markson, G., et al. Genome Res. 19(10):1905-1911(2009)van Wijk, S.J., et al. Mol. Syst. Biol. 5, 295 (2009) :