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Datasheet for ABIN901618

anti-RNF144B antibody (AA 218-303) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	RNF144B
Binding Specificity:	AA 218-303
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF144B antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IBRDC2/RING finger protein 144B
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Cat, Rabbit, Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	RNF144B
Alternative Name:	RNF144B (RNF144B Products)
Background:	Synonyms: E3 ubiquitin protein ligase RNF144B, RING finger protein 144B, E3 ubiquitin-protein

Target Details

ligase RNF144B, IBR domain containing 2, IBR domain containing protein 2, IBR domain-containing protein 2, IBRDC 2, IBRDC2, p53 inducible RING finger protein, p53-inducible RING finger protein, p53RFP, PIR2, R144B_HUMAN, Ring finger 144B, RING finger protein 144B, RNF 144B, RNF144B.

Background: 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. Tissue specificity: Broadly expressed, with lowest levels in brain and thymus, and highest levels detectable in heart, ovary and testis.

Gene ID: 255488

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months