

Summary

Production Name	p53RFP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RNF144B
Alternative Names	RNF144B; IBRDC2; P53RFP; E3 ubiquitin-protein ligase RNF144B; IBR domain-containing protein 2; RING finger protein 144B; p53-inducible RING finger protein
Gene ID	255488.0
SwissProt ID	Q7Z419.Synthesized peptide derived from the Internal region of human p53RFP.

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:40000.Not yet tested in other applications.
Molecular Weight	35kDa

Background

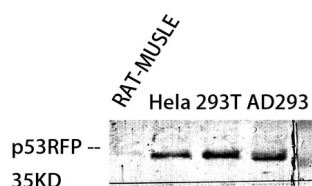
Product Name: p53RFP Rabbit Polyclonal Antibody
Catalog #: AP Rab15651



caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family.,domain:The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme.,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 TP53/p53-dependent but caspase-independent mechanism.,pathway:Protein modification; protein ubiquitination.,PTM:Auto-ubiquitinated.,similarity:Belongs to the RBR family. RNF144 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with UBE2L3, UBE2L6 and LCMT2.,tissue specificity:Broadly expressed, with lowest levels in brain, spleen and thymus.,caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family.,domain:The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme.,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 TP53/p53-dependent but caspase-independent mechanism.,pathway:Protein modification; protein ubiquitination.,PTM:Auto-ubiquitinated.,similarity:Belongs to the RBR family. RNF144 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with UBE2L3, UBE2L6 and LCMT2.,tissue specificity:Broadly expressed, with lowest levels in brain, spleen and thymus.,

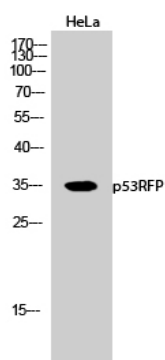
Research Area

Image Data



Western Blot analysis of various cells using p53RFP Polyclonal Antibody

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Western Blot analysis of HeLa cells using p53RFP Polyclonal Antibody

Note

For research use only.