

p53RFP Polyclonal Antibody

Catalog No :	YT3544
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	p53RFP
Gene Name :	RNF144B
Protein Name :	E3 ubiquitin-protein ligase RNF144B
Human Gene Id :	255488
Human Swiss Prot No :	Q7Z419
Mouse Gene Id :	218215
Mouse Swiss Prot No :	Q8BKD6
Immunogen :	Synthesized peptide derived from the Internal region of human p53RFP.
Specificity :	p53RFP Polyclonal Antibody detects endogenous levels of p53RFP protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 35kD

Background :

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.,

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Subcellular Location :

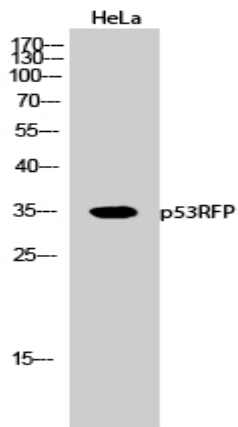
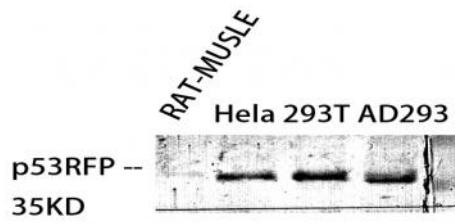
Mitochondrion membrane ; Single-pass membrane protein . Cytoplasm . Mostly cytosolic, accumulates in submitochondrial domains specifically upon apoptosis induction, in synchrony with BAX activation.

Expression :

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

Products Images

Western Blot analysis of various cells using p53RFP Polyclonal Antibody



Western Blot analysis of HeLa cells using p53RFP Polyclonal Antibody