

产品名称: 53BP1 (phospho-Ser1778) Rabbit Polyclonal Antibody
产品货号: APRab04190



产品概述 (Summary)

产品名称 (Production Name)	53BP1 (phospho-Ser1778) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TP53BP1
别名 (Alternative Names)	Tumor suppressor p53-binding protein 1 (53BP1) (p53-binding protein 1) (p53BP1)
基因 ID (Gene ID)	7158.0
蛋白 ID (SwissProt ID)	Q12888.Synthesized phospho peptide around human 53BP1 (Ser1778)

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000
蛋白分子量 (Molecular Weight)	213kDa

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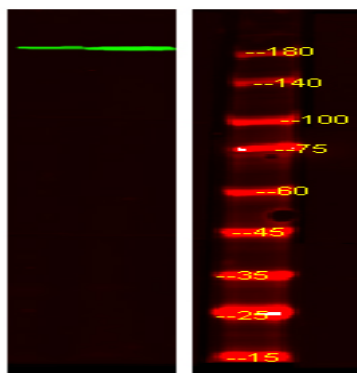


研究背景 (Background)

function: May have a role in checkpoint signaling during mitosis (By similarity). Enhances TP53-mediated transcriptional activation. Plays a role in the response to DNA damage., PTM: Asymmetrically dimethylated on Arg residues by PRMT1. Methylation is required for DNA binding., PTM: Phosphorylated at basal level in the absence of DNA damage. Hyperphosphorylated in an ATM-dependent manner in response to DNA damage induced by ionizing radiation. Hyperphosphorylated in an ATR-dependent manner in response to DNA damage induced by UV irradiation., similarity: Contains 2 BRCT domains., subcellular location: Associated with kinetochores. Both nuclear and cytoplasmic in some cells. Recruited to sites of DNA damage, such as double strand breaks. Methylation of histone H4 at 'Lys-20' is required for efficient localization to double strand breaks., subunit: Interacts with IFI202A (By similarity). Binds to the central domain of TP53/p53. May form homo-oligomers. Interacts with DCLRE1C. Interacts with histone H2AFX and this requires phosphorylation of H2AFX on 'Ser-139'. Interacts with histone H4 that has been dimethylated at 'Lys-20'. Has low affinity for histone H4 containing monomethylated 'Lys-20'. Does not bind histone H4 containing unmethylated or trimethylated 'Lys-20'. Has low affinity for histone H3 that has been dimethylated on 'Lys-79'. Has very low affinity for histone H3 that has been monomethylated on 'Lys-79' (in vitro). Does not bind unmethylated histone H3.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of HeLa treated or untreated by LPS lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .