Chk2 (Phospho Thr432) Rabbit pAb

CatalogNo: YP1568

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,ELISA

MW
- 60kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000
ELISA 1:5000-20000

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human Chk2 (Phospho Thr432)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat Chk2 (Phospho Thr432).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):HRtQV

Target Information

Gene name CHEK2 CDS1 CHK2 RAD53

Protein Name Chk2 (Phospho Thr432)

Organism	Gene ID	UniProt ID
Human	11200;	O96017;
Mouse	50883;	Q9Z265;

Cellular Localization [Isoform 2]: Nucleus. Isoform 10 is present throughout the cell.; [Isoform 4]: Nucleus.; [Isoform 7]: Nucleus.; [Isoform 9]: Nucleus.; [Isoform 12]: Nucleus.; Nucleus , PML body. Nucleus , nucleoplasm. Recruited into PML bodies together with TP53.

Tissue specificity High expression is found in testis , spleen , colon and peripheral blood leukocytes. Low expression is found in other tissues.

Function cell cycle checkpoint , DNA damage checkpoint , protein amino acid phosphorylation , phosphorus metabolic process ,phosphate metabolic process , induction of apoptosis , response to DNA damage stimulus , cell cycle , intracellular signaling cascade , induction of apoptosis by intracellular signals , DNA damage response , signal transduction resulting in induction of apoptosis , regulation of cell death , positive regulation of cell death , induction of programmed cell death ,phosphorylation , DNA integrity checkpoint , cellular response to stress , DNA damage response , signal transduction ,regulation of apoptosis , positive regulation of apoptosis , regulation of programmed cell death , positive regulation of programmed cell death , regulation of cell cycle ,

Validation Data

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