

BAP1 (Phospho Ser592) Rabbit pAb

CatalogNo: YP1272

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 80kD (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

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human BAP1 (Ser592)

Specificity This antibody detects endogenous levels of Human BAP1 (phospho-Ser592)

Target Information

Gene name BAP1 KIAA0272 hucep-6

Protein Name BAP1 (Ser592)

Organism	Gene ID	UniProt ID
Human	8314 ;	Q92560 ;
Mouse	104416 ;	Q99PU7 ;
Rat	306257 ;	D3ZHS6 ;

Cellular Localization Cytoplasm . Nucleus . Mainly nuclear. Binds to chromatin. Localizes to the cytoplasm when monoubiquitinated by the E2/E3 hybrid ubiquitin-protein ligase UBE2O (PubMed:24703950).

Tissue specificity Highly expressed in testis, placenta and ovary. Expressed in breast.

Function Catalytic activity:Thiol-dependent hydrolysis of ester, thioester, amide, peptide and isopeptide bonds formed by the C-terminal Gly of ubiquitin (a 76-residue protein attached to proteins as an intracellular targeting signal).,Disease:Defects in BAP1 are found in non-small cell lung cancer (NSCLC) cell lines.,Disease:Tumor-associated antigen found in several childhood medulloblastoma.,Function:Deubiquitinating enzyme which may be involved in BRCA1 signal transduction pathway.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the peptidase C12 family.,subunit:Interacts with the RING finger domain of BRCA1.,tissue specificity:Highly expressed in testis, placenta and ovary. Expressed in breast.,

Validation Data

Contact information

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BAP1 (Phospho Ser592) Rabbit pAb

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