

## 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	<a href="#">8314</a> ;	<a href="#">Q92560</a> ;
Mouse	<a href="#">104416</a> ;	<a href="#">Q99PU7</a> ;
Rat	<a href="#">306257</a> ;	<a href="#">D3ZHS6</a> ;

**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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