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anti-BAP1 antibody (pSer592)

2 Images



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Overview

Quantity:	100 μL
Target:	BAP1
Binding Specificity:	pSer592
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human BAP1 around the phosphorylation site of Ser592
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to the Ser590 site in Rat.
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Dog,Rabbit
Purification:	Purified by Protein A.

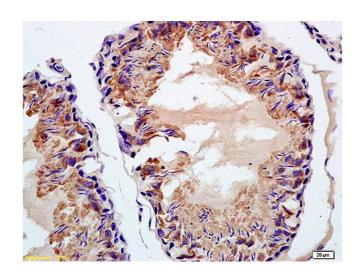
Target Details

Target:	BAP1
Alternative Name:	BAP1 (BAP1 Products)
Background:	Synonyms: UCHL2, hucep-6, HUCEP-13, Ubiquitin carboxyl-terminal hydrolase BAP1, BRCA1-
	associated protein 1, Cerebral protein 6, BAP1, KIAA0272
	Background: Deubiquitinating enzyme that plays a key role in chromatin by mediating
	deubiquitination of histone H2A and HCFC1. Catalytic component of the PR-DUB complex, a
	complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-
	119' (H2AK119ub1). Does not deubiquitinate monoubiquitinated histone H2B. Acts as a
	regulator of cell growth by mediating deubiquitination of HCFC1 N-terminal and C-terminal
	chains, with some specificity toward 'Lys-48'-linked polyubiquitin chains compared to 'Lys-63'-
	linked polyubiquitin chains. Deubiquitination of HCFC1 does not lead to increase stability of
	HCFC1. Interferes with the BRCA1 and BARD1 heterodimer activity by inhibiting their ability to
	mediate ubiquitination and autoubiquitination. It however does not mediate deubiquitination of
	BRCA1 and BARD1. Able to mediate autodeubiquitination via intramolecular interactions to
	couteract monoubiquitination at the nuclear localization signal (NLS), thereby protecting it from
	cytoplasmic sequestration (PubMed:24703950). Acts as a tumor suppressor.
Gene ID:	8314
UniProt:	Q92560
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

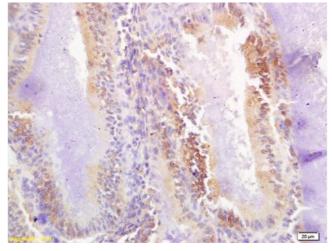
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat testis labeled with Rabbit Anti Phospho-BAP1(Ser592) Polyclonal Antibody, Unconjugated (ABIN683413) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human breast carcinoma labeled with Rabbit Anti Phospho-BAP1(Ser592) Polyclonal Antibody, Unconjugated (ABIN683413) at 1:200 followed by conjugation to the secondary antibody and DAB staining