G-Biosciences Image not found or type unknown

Immunotag™ Phospho-BAP1 (Ser592) Antibody

Antibody Specification

Catalog No.	ITA0649
Product Description	Immunotag™ Phospho-BAP1 (Ser592) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-BAP1 (Ser592)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human BAP1 around the phosphorylation site of Ser592.
Specificity	Phospho-BAP1 (Ser592) Antibody detects endogenous levels of BAP1.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	BAP1
Accession No.	Q92560

Antibody Specification

Alternate Names	BAP 1; Bap1; BAP1_HUMAN; BRCA 1 associated protein 1; BRCA1 associated protein 1; BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase); BRCA1-associated protein 1; Cerebral protein 13; Cerebral protein 6; DKFZp686N04275; FLJ35406; FLJ37180; HUCEP 13; Hucep 6; HUCEP13; Hucep6; KIAA0272; TPDS; Ubiquitin carboxy terminal hydrolase; Ubiquitin carboxyl terminal hydrolase BAP 1; Ubiquitin carboxyl terminal hydrolase BAP1; Ubiquitin carboxyl-terminal hydrolase BAP1; UCHL2;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	95kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.