
Product Name: KO-Validated BAP1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00078**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 80.4kDa

Antigen Information

Gene Name	BAP1
Alternative Names	BAP1; BRCA1 Associated Protein 1; KIAA0272; Hucep-6; UCHL2; BRCA1 Associated Protein-1 (Ubiquitin Carboxy-Terminal Hydrolase); Ubiquitin Carboxyl-Terminal Hydrolase BAP1; Cerebral Protein 6; Ubiquitin Carboxy-Terminal Hydrolase; BRCA1-Associated Protein 1; Cerebral Protein-13; EC 3.4.19.12; HUCEP-13; KURIS; TPDS1; UBM2; UVM2
Gene ID	8314.0
SwissProt ID	Q92560
Immunogen	Recombinant protein of human BAP1

Background

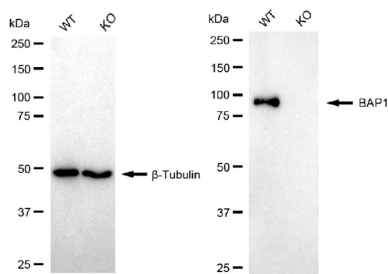
This gene belongs to the ubiquitin C-terminal hydrolase subfamily of deubiquitinating enzymes that are involved in the

removal of ubiquitin from proteins. The encoded enzyme binds to the breast cancer type 1 susceptibility protein (BRCA1) via the RING finger domain of the latter and acts as a tumor suppressor. In addition, the enzyme may be involved in regulation of transcription, regulation of cell cycle and growth, response to DNA damage and chromatin dynamics. Germline mutations in this gene may be associated with tumor predisposition syndrome (TPDS), which involves increased risk of cancers including malignant mesothelioma, uveal melanoma and cutaneous melanoma. [provided by RefSeq, May 2013]

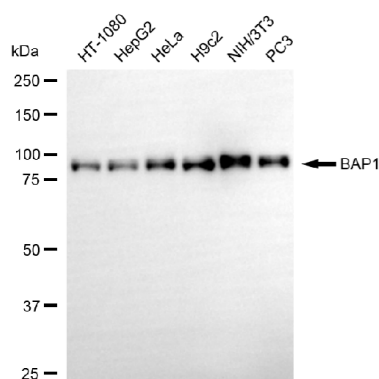
Research Area

Cell Biology, Epigenetics and Nuclear Signaling, Cancer

Image Data



Western blotting analysis using BAP1 antibody (KVA00078). BAP1 expression in wild type (WT) and BAP1 knockout (KO) HSHC cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with BAP1 antibody (KVA00078, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using BAP1 antibody (KVA00078). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BAP1 antibody (KVA00078, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.