

Anti-BAP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

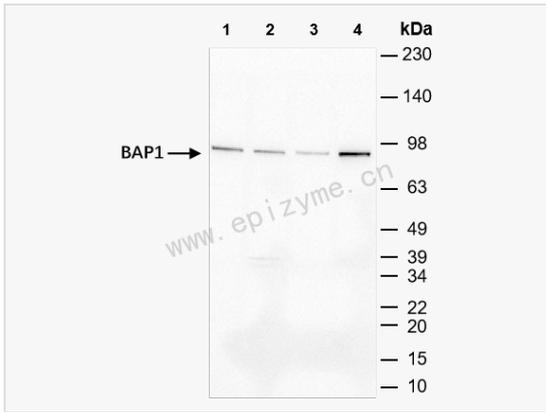
Catalog # R012277

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Mouse, Rat, Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	36K69K48
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human BAP1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-BAP1 Rabbit mAb [36K69K48] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 80 kDa; Observed MW: 95 kDa
Uniprot ID	Q92560
Gene ID	8314
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]
Cellular Location	Cytoplasm. Nucleus. Mainly nuclear. Binds to chromatin.
Tissue Location	Highly expressed in testis, placenta and ovary. Expressed in breast.



Western Blot - Anti-BAP1 Rabbit mAb [36K69K48]

All lanes: R012277 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

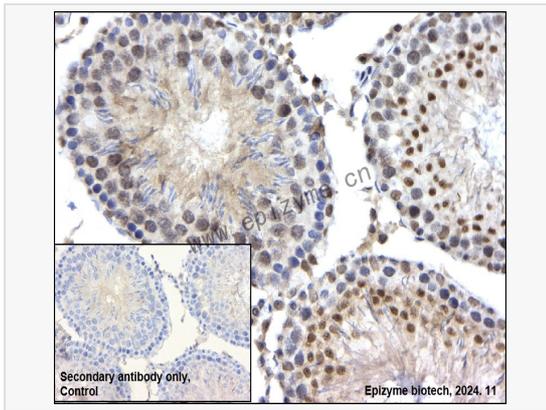
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 80 kDa

Observed band size: 95 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-BAP1 Rabbit mAb [36K69K48]

Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012277 at 1:200 dilution

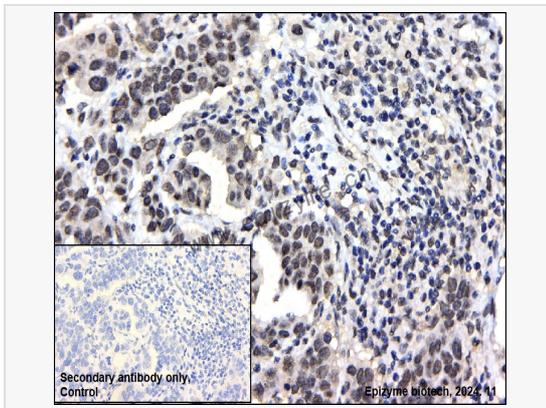
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-BAP1 Rabbit mAb [36K69K48]

Sample: Paraformaldehyde-fixed, paraffin embedded human ovarian cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012277 at 1:200 dilution

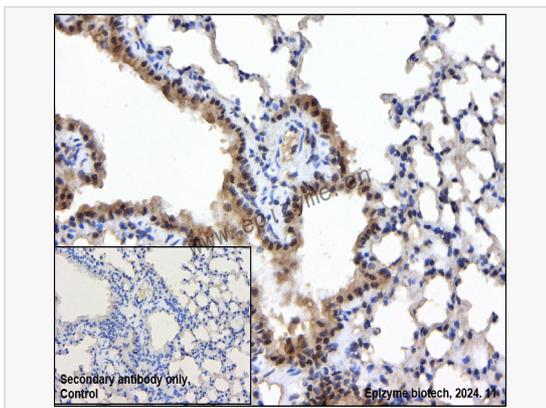
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-BAP1 Rabbit mAb [36K69K48]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse lung tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012277 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.