



BRAP mouse mAb

Catalog No	YP-Ab-04484
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	brap
Immunogen	Purified recombinant human BRAP protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of BRAP and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BRAP;3010002G07Rik;BRAP2;BRCA1 associated protein;EC 6.3.2.;Galectin 2 binding protein;IMP;Impedes mitogenic signal propagation;Renal carcinoma antigen NY REN 63;RING finger protein 52;RNF52;zgc:92894.
Observed Band	67kD
Calculated Molecular Weight	67kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed in breast epithelial cell lines.
Function	function:Negatively regulates MAP kinase activation by limiting the formation of Raf/MEK complexes probably by inactivation of the KSR1 scaffold protein. Also acts as a Ras responsive E3 ubiquitin ligase that, on activation of Ras, is modified by auto-polyubiquitination resulting in the release of inhibition of Raf/MEK complex formation. May also act as a cytoplasmic retention protein with a role in regulating nuclear transport.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 1 UBP-type zinc finger.,subunit:Interacts with the nuclear localization signal of BRCA1 and with the N-terminal of KSR1. The C-terminal portion of BCRA1 interacts with DDB1.,tissue specificity:Expressed in breast epithelial cell lines.,



Background

The protein encoded by this gene was identified by its ability to bind to the nuclear localization signal of BRCA1 and other proteins. It is a cytoplasmic protein which may regulate nuclear targeting by retaining proteins with a nuclear localization signal in the cytoplasm. [provided by RefSeq, Jul 2008],

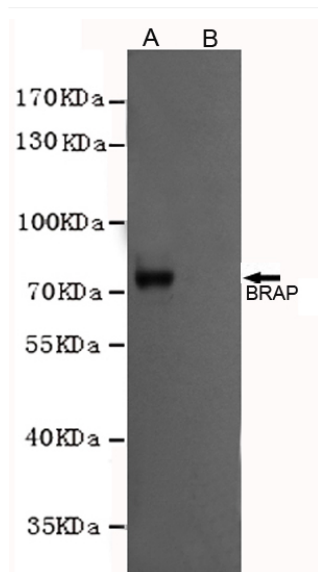
matters needing attention

Avoid repeated freezing and thawing!

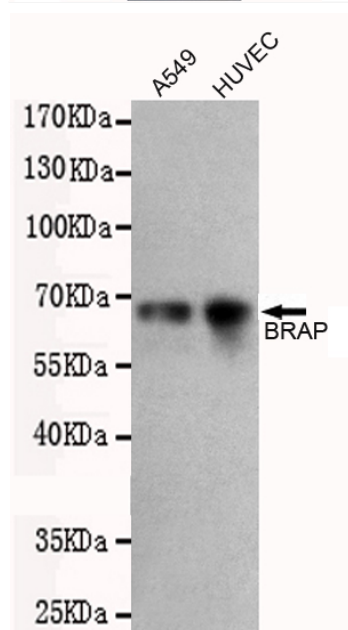
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of extracts from CHO-K1 cells, transfected with a human pFLAG-CMV2-BRAP construct (A) or transfected with a human pFLAG-CMV2 construct (B), using BRAP mouse mAb (1:1000 diluted).



Western blot detection of BRAP in A549 and HUVEC cell lysates using BRAP mouse mAb (1:500 diluted). Predicted band size: 67 kDa. Observed band size: 67 kDa.