

## BRAP mouse mAb

<b>Catalog No :</b>	YM1393
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB
<b>Target :</b>	BRAP
<b>Fields :</b>	>>Ras signaling pathway
<b>Gene Name :</b>	brap
<b>Human Gene Id :</b>	8315
<b>Human Swiss Prot No :</b>	Q7Z569
<b>Mouse Swiss Prot No :</b>	Q99MP8
<b>Immunogen :</b>	Purified recombinant human BRAP protein fragments expressed in E.coli.
<b>Specificity :</b>	This antibody detects endogenous levels of BRAP and does not cross-react with related proteins.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb dilution 1:1000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	67kD

**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],

**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.,

**Subcellular Location :** Cytoplasm .

**Expression :** Expressed in breast epithelial cell lines.

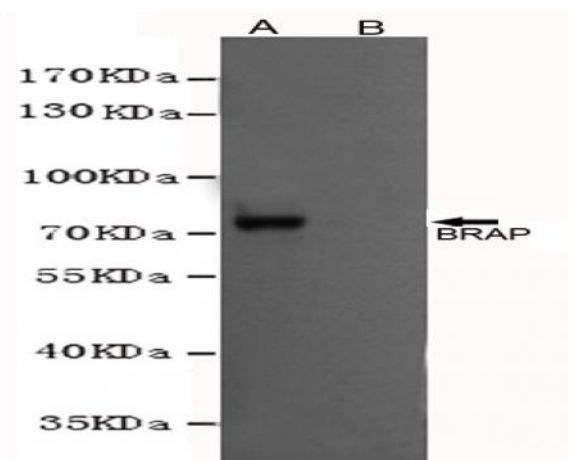
**Sort :** 2847

**No4 :** 1

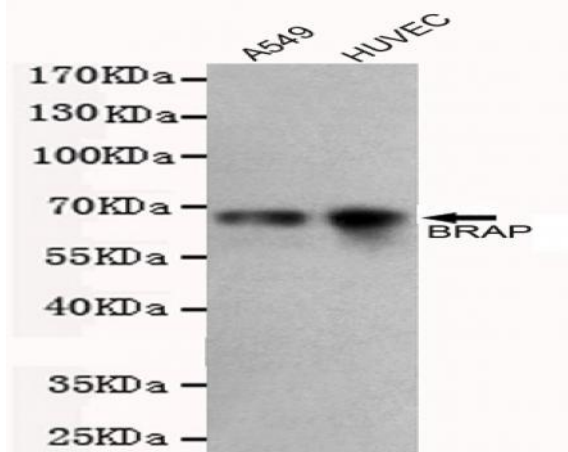
**Host :** Mouse

**Modifications :** Unmodified

## 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: 67KDa. Observed band size: 67KDa.