Best Tools for immunology Research

BRAP mouse mAb

Catalog No :	YM1393
Reactivity :	Human
Applications :	WB
Target :	BRAP
Fields :	>>Ras signaling pathway
Gene Name :	brap
Human Gene Id :	8315
Human Swiss Prot No :	Q7Z569
Mouse Swiss Prot No :	Q99MP8
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
Dilution :	wb dilution 1:1000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	67kD

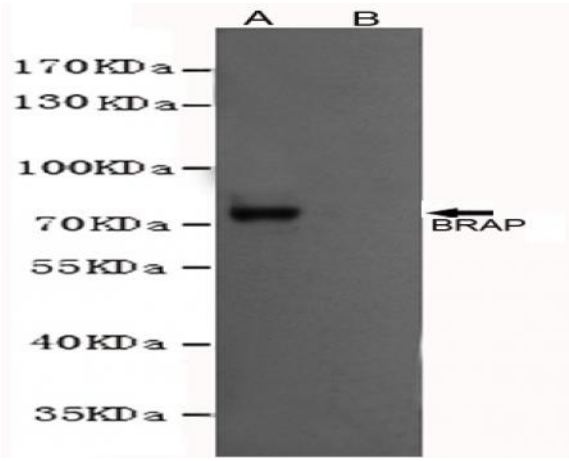
Background : The protein encoded by this gene was identified by its ability to bind to the nuclear localization signal of BRCA1 and other proteins. It is a cytoplasmic protein which may regulate nuclear targeting by retaining proteins with a nuclear localization signal in the cytoplasm. [provided by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

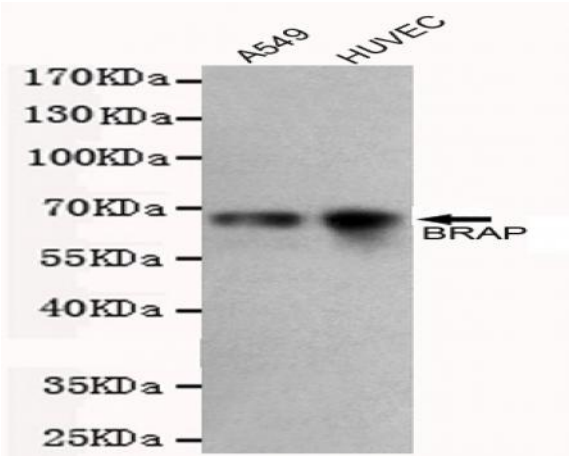
Subcellular Location : Cytoplasm .

Expression : Expressed in breast epithelial cell lines.

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.