

Rabbit anti-Human RAP Monoclonal Antibody | anti-RAP antibody

Anti-RAP [7F1]

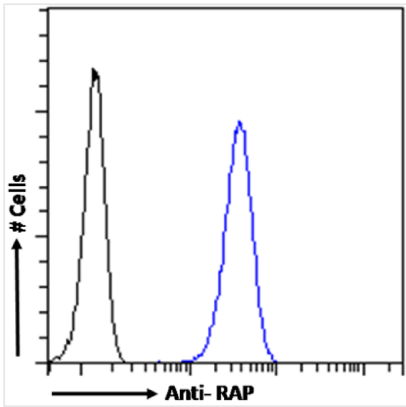
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72128	Rabbit	Human	Western Blot, Immunoprecipitation, ELISA, Immunohistochemistry

PRODUCT SYNONYMS

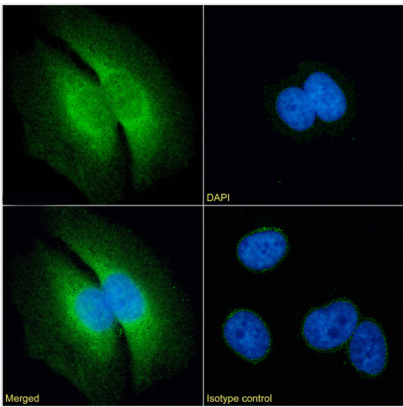
RAP; Monoclonal Antibody; Anti-RAP [7F1]; Receptor-associated protein; low density lipoprotein receptor-associated protein; 39-kDa receptor-associated protein; anti-RAP antibody

PRODUCT SPECIFICATIONS

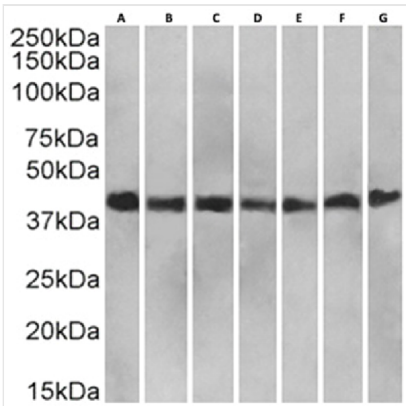
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	7F1
Specificity	This antibody is specific for human RAP. It does not cross-react with rabbit or murine RAP.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RAP antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
PMID	1400426
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry)
Flow cytometry using the anti-RAP antibody 7F1 (AAA72128). HeLa cells were fixed using 2% PFA and stained with anti-unknown specificity antibody or the rabbit IgG1 version of 7F1 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)
Immunofluorescence staining of fixed HeLa cells with anti-RAP antibody 7F1 (AAA72128) Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of 7F1 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



WB (Western Blot)
Western Blot using anti-RAP antibody (AAA72128) Staining in HeLa(A) (0.1ug/ml), A549 (B) (0.01ug/ml), HepG2 (C) (0.01ug/ml), HEK293 (D) (0.03ug/ml), MCF7 (E) (0.03ug/ml), Caco-2 (F) (0.001ug/ml) and U251 (G) (0.001ug/ml) cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAP () at 0.5ug/ml, before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-RAP antibody	Recombinant monoclonal antibody to RAP. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 7F1. This antibody was raised by immunising mice with human placental RAP.
Product Categories/Family for anti-RAP antibody	cell signalling
References	Kounnas et al. The 39-kDa receptor-associated protein interacts with two members of the low density lipoprotein receptor family, alpha 2-macroglobulin receptor and glycoprotein 330. J Biol Chem. 1992 Oct 15;267(29):21162-6. Note on publication: Describes the original generation of this antibody, and its use in immunohistochemistry.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.