

Product datasheet

Anti-p40 antibody ab137691

3 References 3 Images

Overview

Product name	Anti-p40 antibody
Description	Rabbit polyclonal to p40
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to a region within amino acids 164-372 of Human p40, Uniprot Q7Z6M1.
Positive control	293T, A431, H1299, HeLa, HepG2, Molt-4 and Raji cells; A549 cells; A549 xenograft.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab137691** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

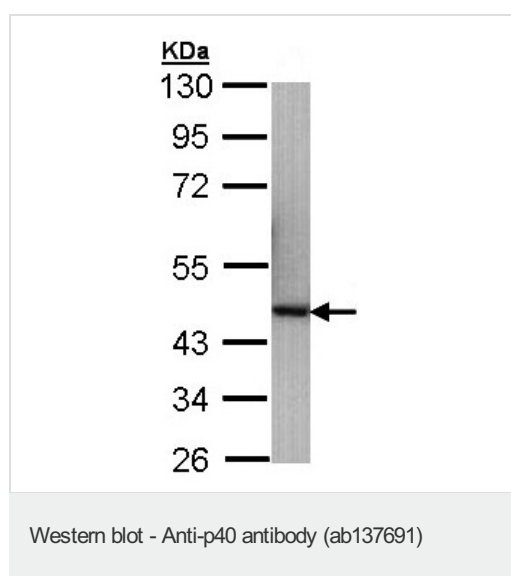
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 41 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Or Tris-EDTA buffer pH8.0

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

Target

Function	Rab9 effector required for endosome to trans-Golgi network (TGN) transport.
Sequence similarities	Contains 5 Kelch repeats.
Post-translational modifications	Phosphorylated on Ser residues most probably by PIP5K3.
Cellular localization	Cytoplasm. Endosome membrane. Interaction with PIP5K3 and subsequent phosphorylation recruits it to the endosomal membrane.

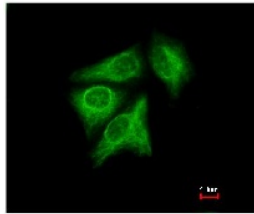
Images



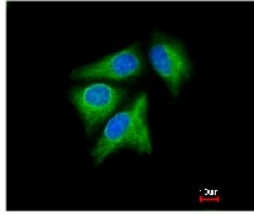
Anti-p40 antibody (ab137691) at 1/1000 dilution + whole cell lysate prepared from HepG2 cells at 30 µg

Predicted band size: 41 kDa

10% SDS PAGE

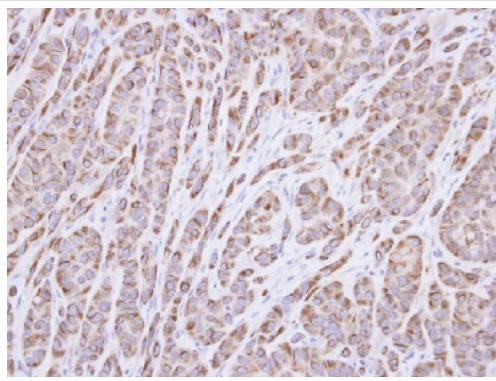


Merged with DNA probe



Immunocytochemistry/ Immunofluorescence - Anti-p40 antibody (ab137691)

Immunofluorescence analysis of paraformaldehyde-fixed A549, using ab137691 at 1/200 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p40 antibody (ab137691)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using ab137691 at 1/100 dilution.

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