Product datasheet

Anti-p40 antibody ab137691

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.

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<th>Application</th>
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<td>IHC-P</td>
<td>1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Or Tris-EDTA buffer pH 8.0</td>
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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.

Target

Images

Western blot - Anti-p40 antibody (ab137691)

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

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

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