

Recombinant ARL2BP/BART1 Monoclonal Antibody

catalog number: AN300450P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

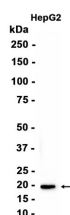
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ARL2BP/BART1 protein
Host	Rabbit
Isotype	IgG
Clone	B376
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB	1:1000-1:5000
IHC-P	1:50
ICC/IF	1:100
FC	1:100-1:200
IP	1:50

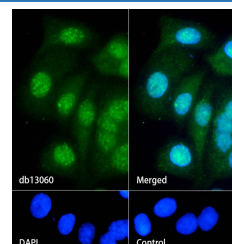
Data



Western blot analysis of extracts from HepG2 cells at 1:1000.

Observed-MW:19 kDa

Calculated-MW: 19 kDa



Immunofluorescence analysis of HepG2 cells labelling ARL2BP. The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.3

ADP-ribosylation factor (ARF)-like proteins (ARLs) comprise a functionally distinct group of the ARF family of RAS-related GTPases. The protein encoded by this gene binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. The lack of detectable membrane association of this protein or ARL2 upon activation of ARL2 is suggestive of actions distinct from those of the ARFs. This protein is considered to be the first ARL2-specific effector identified, due to its interaction with ARL2.GTP but lack of ARL2 GTPase-activating protein activity. [provided by RefSeq, Jul 2008]