



BART1 rabbit pAb

Cat No.:ES1750

For research use only

Overview

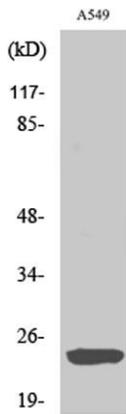
Product Name	BART1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ARL2BP. AA range:101-150
Specificity	BART1 Polyclonal Antibody detects endogenous levels of BART1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ADP-ribosylation factor-like protein 2-binding protein
Gene Name	ARL2BP
Cellular localization	Cytoplasm. Mitochondrion intermembrane space. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, cilium basal body. The complex formed with ARL2BP, ARL2 and SLC25A4 is ex
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	25kD
Human Gene ID	23568
Human Swiss-Prot Number	Q9Y2Y0
Alternative Names	ARL2BP; BART; BART1; ADP-ribosylation factor-like protein 2-binding protein; ARF-like 2-binding



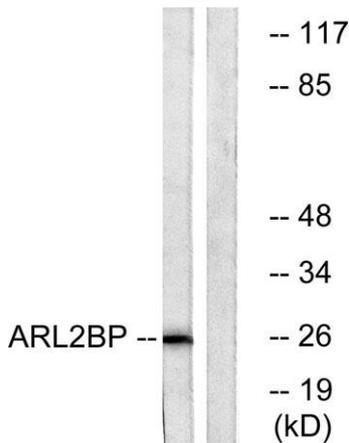


Background

protein; Binder of ARF2 protein 1
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],



Western Blot analysis of various cells using BART1 Polyclonal Antibody

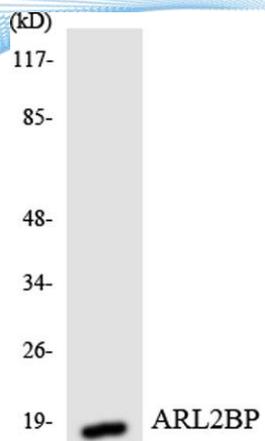


Western blot analysis of lysates from A549 cells, using ARL2BP Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from HUVECcells using ARL2BP antibody.



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