



Goat anti-ARF1 (variants 1-4) Antibody

Item Number	dAP-0981
Target Molecule	Principle Name: ARF1 (variants 1-4); Official Symbol: ARF1; All Names and Symbols: #Deleted; Accession Number (s): NP_001019397.1; NP_001649.1; NP_001019398.1; NP_001019399.1; Human Gene ID(s): 375; 376, 377, 378; Non-Human GeneID(s): 11840 (mouse) 64310 (rat)
Immunogen	EGLDWLSNQLRNQK, is from C Terminus This antibody is expected to recognize all four reported isoforms.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 18kDa band observed in lysates of cell lines HEK293, A431 and HepG2 (calculated MW of 20.7kDa according to NP_001019397.1; NP_001649.1; NP_001019398.1; NP_001019399.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Dubois T, Paleotti O, Mironov AA, Fraiser V, Stradal TE, De Matteis MA, Franco M, Chavrier P. Golgi-localized GAP for Cdc42 functions downstream of ARF1 to control Arp2/3 complex and F-actin dynamics. Nat Cell Biol. 2005 Apr;7(4):353-64. Epub 2005 Mar 27. .PMID: 15793564 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**