



## Goat anti-RUFY1 Antibody

<b>Item Number</b>	dAP-2298
<b>Target Molecule</b>	Principle Name: RUFY1; Official Symbol: RUFY1; All Names and Symbols: RUFY1; RUN and FYVE domain containing 1; FLJ22251; RABIP4; ZFYVE12; FYVE-finger protein EIP1; OTTHUMP00000223250; RUN and FYVE domain-containing 1; RUN and FYVE domain-containing protein 1; la-binding protein 1; rab4-interacting protein; zinc finger FYVE ; Accession Number (s): NP_079434.3; NP_001035541.1; Human Gene ID(s): 80230; Non-Human GeneID(s): 216724 (mouse) 360521 (rat)
<b>Immunogen</b>	QKNEAITSFEGKT, is from internal region This antibody is expected to recognize both reported isoforms (NP_079434.3; NP_001035541.1). Reported variants represent identical protein: NP_001035542.1, NP_001035541.1.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 85kDa band observed in lysates of cell line HeLa (calculated MW of 79.8kDa according to NP_079434.3). Recommended concentration: 0.05-0.2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Matsuoka S, Ballif BA, Smogorzewska A, McDonald ER, Hurov KE, Luo J, Bakalarski CE, Zhao Z, Solimini N, Lerenthal Y, Shiloh Y, Gygi SP, Elledge SJ, ATM and ATR substrate analysis reveals extensive protein networks responsive to DNA damage. Science (New York, N.Y.) 2007 May 316 (5828):

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**