

Goat anti-RIF1 Antibody

Item Number	dAP-2665
Target Molecule	Principle Name: RIF1; Official Symbol: RIF1; All Names and Symbols: RIF1; RAP1 interacting factor homolog (yeast); DKFZp434D1026; DKFZp781N1478; FLJ12870; OTTHUMP00000162712; OTTHUMP00000207206; OTTHUMP00000207207; OTTHUMP00000207208; OTTHUMP00000207210; rap1-interacting factor 1 homolog; telomere-associated protein RIF1; Accession Number (s): NP_060621.3; NP_001171134.1; Human Gene ID(s): 55183; Non-Human GeneID(s): 51869 (mouse)
Immunogen	RNLQSRWRSPSHEN, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_060621.3; NP_001171134.1). The immunizing peptide sequence has been optimised for cross-reactivity in mouse. Reported variants represent
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 270kDa band observed in lysates of cell line HeLa and of Mouse Embryonic Stem cells (calculated MW of 274kDa according to NP_060621.3). The observed band is suppressed by introduction of Rif1 siRNA to HeLa. Recommended concentration:
IHC	
Reference	Reference(s): Wang H, Zhao A, Chen L, Zhong X, Liao J, Gao M, Cai M, Lee DH, Li J, Chowdhury D, Yang YG, Pfeifer GP, Yen Y, Xu X. Human RIF1 encodes an anti-apoptotic factor required for DNA repair. Carcinogenesis. 2009 Aug;30(8):1314-9..PMID: 19483192->

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**