ANGIO-PROTEOMIE
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DATA SHEET

Goat anti-RIF1 (aa 2076-2089) Antibody

Item Number	dAP-0585
Target Molecule	Principle Name: RIF1 (aa 2076-2089); Official Symbol: RIF1; All Names and Symbols: Rif1; telomere-associated protein RIF1 homolog; Rap1 interacting factor 1; RAP1 interacting factor homolog (yeast); DKFZp434D1026; DKFZp781N1478; FLJ12870; OTTHUMP00000162712; RAP1 interacting factor 1; Accession Number (s): NP_060621.3; Human Gene ID(s): 55183; Non-Human GeneID(s):
Immunogen	CEEGIIDANKTETNT, is from internal region This antibody is expected to recognise an epitope corresponding to aa 2076-2089 of human RIF1 protein.
Applications	Pep ELISA, IHC 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; Reconsititute 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 16000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the predicted size of approx. 247kDa according to NP_060621. Therefore we cannot recommend an optimal concentration.
IHC	Immunohistochemistry: Paraffin embedded Human Testis and Brain (Cortex). Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Silverman J, Takai H, Buonomo SB, Eisenhaber F, de Lange T. Human Rif1, ortholog of a yeast telomeric protein, is regulated by ATM and 53BP1 and functions in the S-phase checkpoint. Genes Dev. 2004 Sep 1;18(17):2108-19..PMID: 15342490->

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

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