

## Goat anti-RUTBC3 Antibody

<b>Item Number</b>	dAP-1858
<b>Target Molecule</b>	Principle Name: RUTBC3; Official Symbol: SGSM3; All Names and Symbols: SGSM3; small G protein signaling modulator 3; DKFZp761D051; MAP; RUSC3; RUTBC3; RUN and SH3 containing 3; RUN and TBC1 domain containing 3; merlin binding protein; merlin-associated protein; small G protein signaling modulator 3 protein; Accession Number (s): NP_056520.2; Human Gene ID(s): 27352; Non-Human Gene-ID(s): 105835 (mouse) 362963 (rat)
<b>Immunogen</b>	RDHENYVACSRSHRR, is from internal region
<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 4000.
<b>Western Blot</b>	Western Blot: Approx. 85kDa band observed in lysates of Human Lung carcinoma cell line A549 (calculated MW of 85.4kDa according to NP_056520.2). Recommended concentration: 2-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lee IK, Kim KS, Kim H, Lee JY, Ryu CH, Chun HJ, Lee KU, Lim Y, Kim YH, Huh PW, Lee KH, Han SI, Jun TY, Rha HK. MAP, a protein interacting with a tumor suppressor, merlin, through the run domain. Biochem Biophys Res Commun. 2004 Dec 17;325(3):774-83..PMID: 15541357->

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**