

Goat anti-DEFB103A / DEFB103B Antibody

Item Number	dAP-2530
Target Molecule	Principle Name: DEFB103A / DEFB103B; Official Symbol: DEFB103A; All Names and Symbols: DEF-B103A; defensin, beta 103A; BD-3; DEFB-3; DEFB103; DEFB3; HBD3; HBP-3; HBP3; hBD-3; beta-defensin 103; beta-defensin 3; defensin, beta 103; defensin, beta 3; defensin-like protein; Accession Number(s): NP_001075020.1; NP_061131.1; Human Gene ID(s): 414325; 55894; Non-Human GenID(s):
Immunogen	PKEEQIGKCSTRGR, is from internal region
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 7.70kDa according to NP_001075020.1. Therefore we cannot recommend an optimal concentration and the antibody.
IHC	
Reference	Reference(s): Winter J, Pantelis A, Reich R, Martini M, Kraus D, Jepsen S, Allam JP, Novak N, Wenghoefer M. Human beta-defensin-1, -2, and -3 exhibit opposite effects on oral squamous cell carcinoma cell proliferation. <i>Cancer Invest.</i> 2011 Mar;29(3):196-201..PMID: 21280982->

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 end users! This product is sold for **Research Use Only**