

Goat anti-DEFB107A / DEFB107B Antibody

Item Number	dAP-2516
Target Molecule	Principle Name: DEFB107A / DEFB107B; Official Symbol: DEFB107A; All Names and Symbols: DEF-B107A; defensin, beta 107A; BD-7; DEFB-7; DEFB107; DEFB107B; beta-defensin 107; beta-defensin 7; defensin, beta 7; Accession Number (s): NP_001032757.2; NP_001035795.1; Human Gene ID(s): 245910; 503614; Non-Human GeneID(s):
Immunogen	HRALISKRMEGHCE, is from internal region
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; 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 32000.
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 7.85kDa according to NP_001032757.2.
IHC	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.
Reference	Reference(s): Patil AA, Cai Y, Sang Y, Blecha F, Zhang G. Cross-species analysis of the mammalian beta-defensin gene family: presence of syntenic gene clusters and preferential expression in the male reproductive tract. <i>Physiol Genomics</i> . 2005 Sep 21;23(1):5-17..PMID: 16033865->

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**