

## Goat anti-DEFB106A / DEF106B (aa47-59) Antibody

Item Number	dAP-2541
Target Molecule	Principle Name: DEFB106A / DEF106B (aa47-59); Official Symbol: DEFB106A; All Names and Symbols: DEFB106A; defensin, beta 106A; BD-6; DEFB-6; DEFB106; MGC118938; MGC118939; MGC118940; MGC118941; MGC133011; MGC133012; beta-defensin 106; beta-defensin 6; defensin, beta 6; DEF106B; Accession Number (s): NP_689464.1; NP_001035794.1; Human Gene ID(s): 245909; 503841; Non-Human GenelD(s):
Immunogen	CQKSLKCCRTIQP, is from internal region (near C Terminus) Reported DEFB106A (NP_689464.1) and DEF106B (NP_001035794.1) are identical.
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 32000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins smaller than the calculated size of 7.37kDa according to the precursor NP_689464.1. Therefore we cannot recommend an optimal concentration an
IHC	
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**