Goat anti-IFITM3 Antibody

Item Number	dAP-3328
Target Molecule	Principle Name: IFITM3; Official Symbol: IFITM3; All Names and Symbols: IFITM3; interferon induced transmembrane protein 3; 1-8U; DSPA2b; IP15; dispanin subfamily A member 2b; interferon-induced trans-membrane protein 3; interferon-inducible protein 1-8U; Accession Number (s): NP_066362.2; Human Gene ID(s): 10410; Non-Human GeneID(s):
Immunogen	HNPAPPTSTVIHIRS, is from internal region The immunizing peptide only differs by one residue from IFITM2 and therefore cross-reactivition of this antibody is to be expected.
Applications	Pep ELISA, WB 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 64000.
Western Blot	Western Blot: Approx 17kDa band observed in lysates of cell line HeLa (calculated MW of 14.6kDa according to NP_066362.2). The observed molecular weight corresponds to the lipidated form. Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jia R, Xu F, Qian J, Yao Y, Miao C, Zheng YM, Liu SL, Guo F, Geng Y, Qiao W, Liang C. Identification of an endocytic signal essential for the antiviral action of IFITM3. Cellular microbiology 2014 Jul 16 (7): 1080-93..PMID: 24521078->

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