



## Goat anti-GJB2 / Connexin 26 Antibody

<b>Item Number</b>	dAP-1030
<b>Target Molecule</b>	Principle Name: GJB2 / Connexin 26; Official Symbol: GJB2; All Names and Symbols: GJB2; Connexin 26; gap junction protein, beta 2, 26kDa (connexin 26) ; CX26; DFNA3; DFNB1; HID; KID; NSRD1; PPK ; gap junction protein beta 2; gap junction protein, beta 2, 26kD (connexin 26); Accession Number (s): NP_003995.2; Human Gene ID(s): 2706; Non-Human GeneID(s): 14619 (mouse) 394266 (rat)
<b>Immunogen</b>	YLLIRYCSGSKKPP, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 26kDa band observed in Mouse Brain lysates (calculated MW of 26.4kDa according to Mouse NP_032151.1 and 26.2kDa according to Human NP_003995.2). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Djalilian AR, McGaughey D, Patel S, Seo EY, Yang C, Cheng J, Tomic M, Sinha S, Ishida-Yamamoto A, Segre JA. Connexin 26 regulates epidermal barrier and wound remodeling and promotes psoriasiform response. J Clin Invest. 2006 May;116(5):1243-53. Epub 2006 Apr 20. .PMID: 16628254 ->

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**