



Goat anti-Connexin 50 / GJA8 Antibody

Item Number	dAP-2079
Target Molecule	Principle Name: Connexin 50 / GJA8; Official Symbol: GJA8; All Names and Symbols: GJA8; gap junction protein, alpha 8, 50kDa; CAE; CAE1; CX50; CZP1; MP70; OTTHUMP00000025757; connexin 50; connexin-50; gap junction alpha-8 protein; gap junction membrane channel protein alpha-8; lens fiber protein MP70; lens intrinsic membrane protein MP; Accession Number (s): NP_005258.2; Human Gene ID(s): 2703; Non-Human GeneID(s): 14616 (mouse) 29601 (rat)
Immunogen	TPSLCPELTDDAR, 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 4000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Spinal Cord), Mouse and Rat Eye lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any result
IHC	
Reference	Reference(s): Lin Y, Liu NN, Lei CT, Fan YC, Liu XQ, Yang Y, Wang JF, Liu B, Yang ZL, A novel GJA8 mutation in a Chinese family with autosomal dominant congenital cataract. Zhonghua Yi Xue Yi Chuan Xue Za Zhi. 2008 Feb;25(1):59-62..PMID: 18247306->

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**