Goat anti-Connexin 30 / GJB6 Antibody

Item Number	dAP-1930
Target Molecule	Principle Name: Connexin 30 / GJB6; Official Symbol: GJB6; All Names and Symbols: GJB6; gap junction protein, beta 6, 30kDa; CX30; DFNA3; ED2; EDH; HED; OTTHUMP00000018096; OT-THUMP00000176870; OTTHUMP00000176871; OTTHUMP00000176872; connexin 30; ectodermal dysplasia 2, hidrotic (Clouston syndrome); gap junction protein, beta 6; gap jun; Accession Number (s): NP_006774.2; Human Gene ID(s): 10804; Non-Human GeneID(s): 14623 (mouse) 84403 (rat)
Immunogen	RSKRAQTQKNHPNH, is from internal region Reported variants represent identical protein: NP_006774.2, NP_001103691.1, NP_001103689.1, NP_001103690.1
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; 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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 14kDa band in Human Brain (Cerebellum) and Rat Brain lysates after 1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the
IHC	
Reference	Reference(s): Belguith H, Tlili A, Dhouib H, Ben Rebeh I, Lahmar I, Charfeddine I, Driss N, Ghorbel A, Ayadi H, Masmoudi S, Mutation in gap and tight junctions in patients with non-syndromic hearing loss. Biochemical and biophysical research communications 2009 Jul 385 (1): 1-5..PMID: 19254696->

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