

## Goat anti-GJC3 / connexin 29 Antibody

Item Number	dAP-1943
Target Molecule	Principle Name: GJC3 / connexin 29; Official Symbol: GJC3; All Names and Symbols: GJC3; gap junction protein, gamma 3, 30.2kDa; CX30.2; CX31.3; Cx29; GJE1; connexin 29; connexin 30.2; connexin 31.3; gap junction protein, epsilon 1, 29kDa; Accession Number (s): NP_853516.1; Human Gene ID(s): 349149; Non-Human GenID(s):
Immunogen	LTSESTRRRHKKATDS, 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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 60kDa band in Human Brain (Cerebellum) and in Human Skeletal Muscle lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we
IHC	
Reference	Reference(s): Sargiannidou I, Ahn M, Enriquez AD, Peinado A, Reynolds R, Abrams C, Scherer SS, Kleopa KA, Human oligodendrocytes express Cx31.3: function and interactions with Cx32 mutants. <i>Neurobiology of disease</i> 2008 May 30 (2): 221-33..PMID: 18353664->

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**