

Goat anti-PCDH11Y / PCDH11X Antibody

Item Number	dAP-1919
Target Molecule	Principle Name: PCDH11Y / PCDH11X; Official Symbol: PCDH11Y; All Names and Symbols: PCDH11Y; protocadherin 11 Y-linked; PCDH-PC; PCDH11X; PCDH22; PCDHY; OTTHUMP0000033077; protocadherin 11 X-linked; protocadherin 22; protocadherin Y; RP13-138P15.1; PCDH-X; PCDH11; PCDHX; protocadherin 11X; protocadherin X; protocadherin-S; Accession Number (s): NP_116753.1; NP_116754.1; NP_116755.1; NP_055337.1; NP_055337.1; NP_116750.1; NP_116751.1; Human Gene ID(s): 83259;
Immunogen	KYNWVTTPTTFK, is from internal region This antibody is expected to recognize all reported Y-linked isoforms (NP_116753.1; NP_116754.1; NP_116755.1) and all reported X-linked isoforms (NP_055337.1; NP_055337.1; NP_116750.1;
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; 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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 75kDa band in Human Brain (Amygdala, Hippocampus, Substantia nigra) lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we ob
IHC	
Reference	Reference(s): Kalmary SV, Venkatasubramanian G, Evidence for positive selection on Protocadherin Y gene in Homo sapiens: implications for schizophrenia. Schizophrenia research 2009 Mar 108 (1-3): 299-300.. PMID: 18938061->

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**