

**PCDH11Y / PCDH11X Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3058a

**Specification**

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**PCDH11Y / PCDH11X Antibody (internal region) - Product Information**

Application	IHC, Pep-ELISA
Primary Accession	<a href="#">Q9BZA8</a>
Other Accession	<a href="#">NP_116753.1</a> , <a href="#">NP_116754.1</a> , <a href="#">NP_116755.1</a> , <a href="#">NP_055337.1</a> , <a href="#">NP_055337.1</a> , <a href="#">NP_116750.1</a> , <a href="#">NP_116751.1</a> , <a href="#">83259</a> , <a href="#">27328</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	146775

**PCDH11Y / PCDH11X Antibody (internal region) - Additional Information**

**Gene ID** 83259

**Other Names**

Protocadherin-11 Y-linked, Protocadherin-11, Protocadherin on the Y chromosome, PCDH-Y, Protocadherin prostate cancer, Protocadherin-PC, Protocadherin-22, PCDH11Y, PCDH11, PCDH22, PCDHY

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PCDH11Y / PCDH11X Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**PCDH11Y / PCDH11X Antibody (internal region) - Protein Information**

**Name** PCDH11Y

**Synonyms** PCDH11, PCDH22, PCDHY

**Function**

Potential calcium-dependent cell-adhesion protein.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed strongly in fetal brain and brain (cortex, amygdala, thalamus, substantia nigra, hippocampus, caudate nucleus and corpus callosum). Expressed at low level in testis Expressed in apoptosis-resistant cells.

**PCDH11Y / PCDH11X Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PCDH11Y / PCDH11X Antibody (internal region) - Images****PCDH11Y / PCDH11X Antibody (internal region) - Background**

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; NP\_116751.1).

**PCDH11Y / PCDH11X Antibody (internal region) - References**

Evidence for positive selection on Protocadherin Y gene in Homo sapiens: implications for schizophrenia. Kalmady SV, Venkatasubramanian G, Schizophrenia research 2009 Mar 108 (1-3): 299-300. PMID: 18938061