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## Datasheet for ABIN466846 anti-PCDH11Y antibody (AA 918-929)

### Overview

Quantity:	100 µg
Target:	PCDH11Y
Binding Specificity:	AA 918-929
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PCDH11Y antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	<p>Synthetic peptide C-KYNWVTPTTFK from an internal region of human PCDH11Y (NP_116753.1, NP_116754.1, NP_116755.1, NP_055337.1, NP_055337.1, NP_116750.1, NP_116751.1). Percent identity by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon (100%), Gorilla, Mouse, Rat, Hamster, Bovine, Horse, Pig, Chicken, Platypus, Xenopus, Stickleback, Pufferfish, Zebrafish (92%), Dog (83%).</p> <p>Type of Immunogen: Synthetic peptide</p>
Specificity:	Human PCDH11Y. 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).
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Chimpanzee, Orangutan, Gibbon (100%) Gorilla, Mouse, Rat, Hamster, Bovine, Horse, Pig, Chicken, Platypus, Xenopus, Stickleback, Pufferfish,

## Product Details

Zebrafish (92%) Dog (83%).

Purification: Immunoaffinity purified

## Target Details

Target: PCDH11Y

Alternative Name: PCDH11Y / Protocadherin Y ([PCDH11Y Products](#))

Background: Name/Gene ID: PCDH11Y

Synonyms: PCDH11Y, PCDH22, PCDHY, Protocadherin Y, Protocadherin-PC, Protocadherin prostate cancer, Protocadherin-11 Y-linked, PCDH11, Protocadherin 11 Y-linked, Protocadherin 22, Protocadherin-11, PCDH-PC, PCDH-Y, Protocadherin-22

Gene ID: 83259

NCBI Accession: [NP\\_116753](#), [NP\\_116754](#), [NP\\_116755](#), [NP\\_055337](#), [NP\\_116750](#), [NP\\_116751](#)

UniProt: [Q9BZA8](#)

## Application Details

Application Notes: Approved: Peptide-ELISA

Usage: Western Blot: Preliminary experiments gave an approx 75kD band in Human Brain (Amygdala, Hippocampus, Substantia nigra) lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 115kD according to NP\_116753.1 and of 113kD according to NP\_055337.1, the smallest reported isoforms. The 75kD band was successfully blocked by incubation with the immunizing peptide. Have any further splice variants/modified forms been reported?

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

## Handling

Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze-thaw cycles.