

Datasheet for ABIN5008648

## anti-PCNX antibody (AA 701-800) (AbBy Fluor® 750)



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### Overview

Quantity:	100 µL
Target:	PCNX
Binding Specificity:	AA 701-800
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCNX antibody is conjugated to AbBy Fluor® 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Pecanex
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	PCNX
Alternative Name:	Pecanex ( <a href="#">PCNX Products</a> )
Background:	Synonyms: PCNXL1, Pecanex homolog, Pecanex like protein 1, PCX1_HUMAN.

## Target Details

Background: Human Pecanex proteins are homologs of the Drosophila Pecanex protein, a maternal-effect neurogenic protein that is involved in normal development of the fly nervous system. Three human Pecanex homologs exist, designated Pecanex, Pecanex 2, also known as PCNXL2 (pecanex-like 2), and Pecanex 3. Pecanex 2 is a 2,137 amino acid multi-pass membrane protein that exists as five alternatively spliced isoforms characterized by high mutational frequencies and biallelic mutations in colorectal tumors, thereby likely functioning as a target gene in these tumors. Pecanex 2 is encoded by a gene that maps to human chromosome 1q42.2, which is linked to an inherited microduplication. This microduplication that includes Pecanex 2 may play a role in autism and mild mental retardation.

Gene ID: 22990

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months