

Datasheet for ABIN2805135

anti-PCDH7 antibody (AA 455-505) (AbBy Fluor® 594)



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Overview

Quantity:	100 µL
Target:	PCDH7
Binding Specificity:	AA 455-505
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH7 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCDH7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PCDH7
Alternative Name:	PCDH7 (PCDH7 Products)
Background:	Synonyms: BHPCDH, BH-Pcdh, PPP1R120, Protocadherin-7, Brain-heart protocadherin, PCDH7

Target Details

Background: As a subfamily of the cadherin superfamily, protocadherins are cadherin-like cell adhesion proteins that contain up to seven extracellular domains and are predominantly expressed in the nervous system. Importantly, the adhesion mechanism of protocadherins is distinct from classic cadherins. Through inactivation or overexpression, several protocadherins have been implicated in a variety of cancers. PCDH7 (protocadherin 7), also known as BHPCDH or BH-Pcdh, is a 1069 amino acid single-pass I membrane protein that is expressed in the brain and heart. Containing seven cadherin domains, PCDH7 is thought to function in cell-cell recognition and adhesion. PCDH7 exists as three isoforms due to alternative splicing events.

Gene ID: 5099

UniProt: [O60245](#)

Application Details

Application Notes: IF(IHC-P) 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: Sodium azide

Precaution of Use: This product contains Sodium azide: 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