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Datasheet for ABIN1392078

## anti-CDK17 antibody (AA 301-400) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	CDK17
Binding Specificity:	AA 301-400
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK17 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCTAIRE2
Isotype:	IgG
Cross-Reactivity:	Sheep
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Chicken, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CDK17
Alternative Name:	PCTAIRE2 ( <a href="#">CDK17 Products</a> )

## Target Details

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Background:	<p>Synonyms: PCTAIRE-2, PCTAIRE-mot protein kinase 2, PCKT2, Protein kinase cdc2-related PCTAIRE-2, Serine/threonine-protein kinase PCTAIRE-2, 6430598J10Rik, EC 2.7.1.37, MGC25109, CDK17_HUMAN.</p> <p>Background: Cell cycle progression is controlled in part by a family of cyclin proteins and cyclin dependent kinases (Cdks). Cdk proteins work in concert with cyclins to phosphorylate key substrates involved in cell cycle progression. Another family of proteins, Cdk inhibitors, also play a role in regulating the cell cycle by binding to cyclin-Cdk complexes and modulating their activity. Members of the Cdk family include Cdk2Cdk8, PCTAIRE-13, PITALRE and PITSLRE. PCTAIRE-1, PCTAIRE-2 and PCTAIRE-3 comprise a subfamily of cdc2-related serine/threonine kinases. PCTAIRE-1, which is expressed primarily in mammalian brain, interacts with a variety of proteins and is thought to be part of a multiple signal transduction cascade. PCTAIRE-2, also expressed in brain, may be important in terminally differentiated neurons.</p>
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## Application Details

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Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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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