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Datasheet for ABIN2174046
anti-FAM48A/P38IP antibody (AA 21-120)

Overview

Quantity:	100 µL
Target:	FAM48A/P38IP (SUPT20H)
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM48A/P38IP antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FAM48A
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow
Purification:	Purified by Protein A.

Target Details

Target:	FAM48A/P38IP (SUPT20H)
Alternative Name:	FAM48A (SUPT20H Products)

Target Details

Background:	<p>Synonyms: FAM48A is a 779 amino acid protein that interacts with p38 MAP kinase. Specifically, FAM48A and p38 are required for downregulation of E-cadherin during gastrulation. In adult tissues, FAM48A is highly expressed in testis and moderately expressed in brain and pituitary gland. It is also expressed in several fetal tissues, including lung, brain, thymus and kidney. Expression of FAM48A has been shown to be downregulated in malignant prostate tissues. The gene encoding FAM48A maps to human chromosome 13, which houses over 400 genes and comprises approximately 4 % of the human genome. Key tumor suppressor genes on chromosome 13 include the breast cancer susceptibility gene, BRCA2, and the RB1 (retinoblastoma) gene.</p> <p>Background: FAM48A is a 779 amino acid protein that interacts with p38 MAP kinase. Specifically, FAM48A and p38 are required for downregulation of E-cadherin during gastrulation. In adult tissues, FAM48A is highly expressed in testis and moderately expressed in brain and pituitary gland. It is also expressed in several fetal tissues, including lung, brain, thymus and kidney. Expression of FAM48A has been shown to be downregulated in malignant prostate tissues. The gene encoding FAM48A maps to human chromosome 13, which houses over 400 genes and comprises approximately 4 % of the human genome. Key tumor suppressor genes on chromosome 13 include the breast cancer susceptibility gene, BRCA2, and the RB1 (retinoblastoma) gene.</p>
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months