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# FA20A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4969a

## Product Information

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| **Application** | WB, IHC-P, FC, E |
| **Primary Accession** | Q96MK3 |
| **Other Accession** | NP_060035 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB25854 |
| **Calculated MW** | 61417 |
| **Antigen Region** | 48-77 |

## Additional Information

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| **Gene ID** | 54757 |
| **Other Names** | Protein FAM20A, FAM20A |
| **Target/Specificity** | This FA20A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-77 amino acids from the N-terminal region of human FA20A. |
| **Dilution** | WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | FA20A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

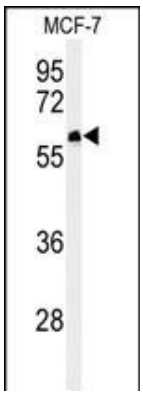
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| **Name** | FAM20A ( HGNC:23015) |
| **Function** | Pseudokinase that acts as an allosteric activator of the Golgi serine/threonine protein kinase FAM20C and is involved in biomineralization of teeth. Forms a complex with FAM20C and increases the ability of FAM20C |

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| | to phosphorylate the proteins that form the 'matrix' that guides the deposition of the enamel minerals. |
| **Cellular Location** | Secreted {ECO:0000250\|UniProtKB:Q8CID3}. Golgi apparatus. Endoplasmic reticulum {ECO:0000250\|UniProtKB:Q8CID3} |
| **Tissue Location** | Highly expressed in lung and liver. Intermediate levels in thymus and ovary. |

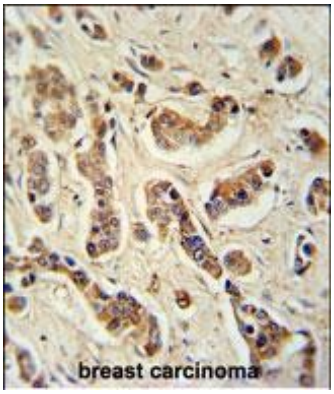
## References

Nalbant, D., et al. BMC Genomics 6 (1), 11 (2005)

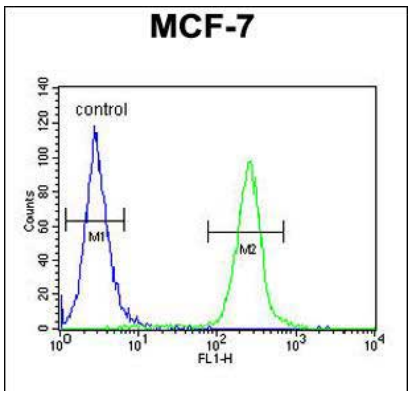
## Images




Western blot analysis of FA20A Antibody (N-term) (Cat. #AP4969a) in MCF-7 cell line lysates (35ug/lane). FA20A (arrow) was detected using the purified Pab.




FA20A Antibody (N-term) (Cat. #AP4969a) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FA20A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.




FA20A Antibody (N-term) (Cat. #AP4969a) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.