

FA20A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP4969a

Product Information

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

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

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

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}

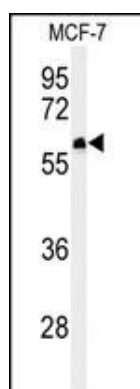
Tissue Location

Highly expressed in lung and liver. Intermediate levels in thymus and ovary.

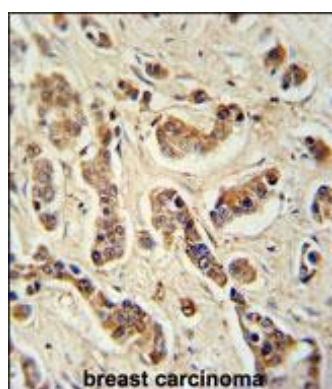
References

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

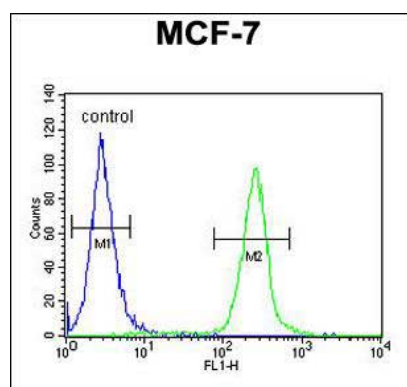
Images



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'.