

# PGGT1A Antibody FITC Conjugated

Catalog No: #C08042F

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## Description

Product Name	PGGT1A Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PGGT1A FNTA
Conjugates	FITC
Target Name	PGGT1A
Other Names	CAAX farnesyltransferase alpha subunit; Farnesyl protein transferase alpha subunit; Farnesyltransferase CAAX box alpha; Farnesyltransferase, CAAX box, alpha; FPTA; FTase alpha; GGTase I alpha; PGGT1A; Protein farnesyltransferase geranylgeranyltransferase type I alpha subunit; Protein prenyltransferase
Accession No.	NCBI Gene ID2339
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

Immunofluorescence: 1:50-200

## Background

FNTA, also known as CAAX farnesyltransferase (FTase), attaches a farnesyl group from farnesyl pyrophosphate to cysteine residues at the fourth position from the C terminus of proteins that end in the so-called CAAX box, where C is cysteine, A is usually but not always an aliphatic amino acid, and X is typically methionine or serine. This type of posttranslational modification provides a mechanism for membrane localization of proteins that lack a transmembrane domain. This enzyme has the remarkable property of farnesylating peptides as short as four residues in length that conform to the CAAX consensus sequence. FNTA is also a specific cytoplasmic interactor of the transforming growth factor-beta and activin type I receptors. It is likely to be a key component of the signaling pathway which involves p21ras, an important substrate for farnesyltransferase.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.