

## PIKFYV Antibody

Catalog No: #36194

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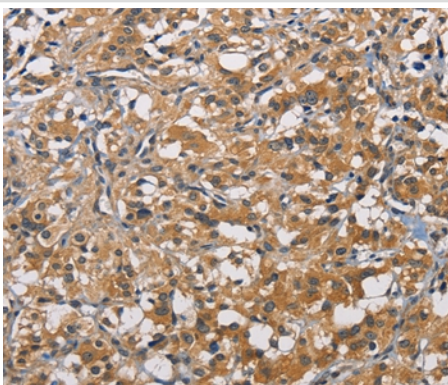
## Description

Product Name	PIKFYV Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIKFYV protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human phosphoinositide kinase, FYVE finger containing
Target Name	PIKFYV
Other Names	CFD; FAB1; PIP5K; PIP5K3; ZFYVE29
Accession No.	Swiss-Prot#: Q9Y2I7NCBI Gene ID: 200576Gene Accssion: BC032389
Uniprot	Q9Y2I7
GeneID	200576;
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

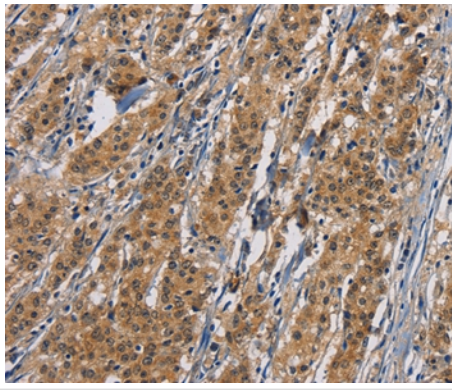
## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36194 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36194 at dilution 1/50.

## Background

Phosphorylated derivatives of phosphatidylinositol (PtdIns) regulate cytoskeletal functions, membrane trafficking, and receptor signaling by recruiting protein complexes to cell- and endosomal-membranes. Humans have multiple PtdIns proteins that differ by the degree and position of phosphorylation of the inositol ring. This gene encodes an enzyme (PIKfyve; also known as phosphatidylinositol-3-phosphate 5-kinase type III or PIPKIII) that phosphorylates the D-5 position in PtdIns and phosphatidylinositol-3-phosphate (PtdIns3P) to make PtdIns5P and PtdIns(3,5)biphosphate.

Note: This product is for in vitro research use only