

GAPVD1 Antibody HRP Conjugated

Catalog No: #C02477H

Package Size: #C02477H 100ul

Description

Product Name	GAPVD1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human GAPVD1
Conjugates	HRP
Target Name	GAPVD1
Other Names	GAPEX 5; GAPVD1; GTPase activating protein and VPS9 domains 1; KIAA1521; Rab5 activating protein 6; RAP6; GAPD1_HUMAN.
Accession No.	NCBI Gene ID26130
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

GAPVD1 is a 1478 amino acid peripheral membrane protein that acts both as a GTPase-activating protein (GAP) and a guanine nucleotide exchange factor (GEF). GAPVD1 participates in many processes such as insulin receptor internalization, Glut4 trafficking and endocytosis. In addition, depletion of GAPVD1 leads to delayed EGFR degradation by mediating receptor ubiquitination through its RGD domain, suggesting that it may be an important mediator of carcinogenesis resulting from Ras protein mutations. There are six isoforms of GAPVD1 that are produced as a result of alternative splicing events.

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