

Oncogene TIM Polyclonal Antibody

Catalog No :	YT3461
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Oncogene TIM
Gene Name :	ARHGEF5
Protein Name :	Rho guanine nucleotide exchange factor 5
Human Gene Id :	7984
Human Swiss Prot No :	Q12774
Immunogen :	The antiserum was produced against synthesized peptide derived from human ARHGEF5. AA range:1280-1330
Specificity :	Oncogene TIM Polyclonal Antibody detects endogenous levels of Oncogene TIM protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	60kD
Cell Pathway :	Regulation of Actin Dynamics; AMPK

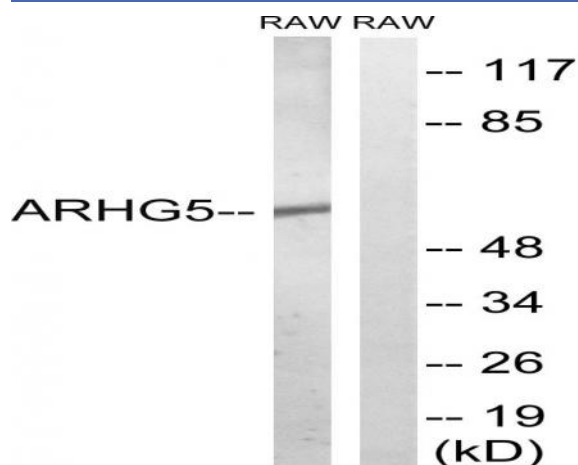
Background : Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization. [provided by RefSeq, Jul 2008],

Function : similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH3 domain.,tissue specificity:Mainly expressed in kidney, liver, pancreas, lung and placenta.,

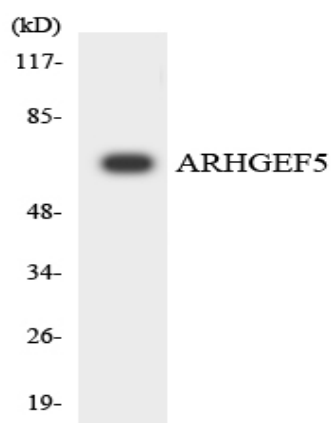
Subcellular Location : Cytoplasm . Nucleus . Cell projection, podosome .

Expression : Ubiquitously expressed with highest levels in placenta. High levels are also found in colon, kidney, trachea, prostate, liver, pancreas, pituitary gland, thyroid gland and mammary gland. In fetal tissues, expressed at high levels in kidney, lung and liver (PubMed:15601624). Expressed at low levels in lung and heart (PubMed:14662653).

Products Images



Western blot analysis of lysates from RAW264.7 cells, using ARHGEF5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using ARHGEF5 antibody.