

Gab 1 Polyclonal Antibody

Catalog No :	YT1812		
Reactivity :	Human;Mouse		
Applications :	WB;IF;ELISA		
Target :	Gab 1		
Fields :	>>EGFR tyrosine kinase inhibitor resistance;>>ErbB signaling pathway;>>Ras signaling pathway;>>Phospholipase D signaling pathway;>>Neurotrophin signaling pathway;>>Bacterial invasion of epithelial cells;>>Proteoglycans in cancer;>>Renal cell carcinoma;>>Hepatocellular carcinoma;>>Gastric cancer		
Gene Name :	GAB1		
Protein Name :	GRB2-associated-binding protein 1		
Human Gene Id :	2549		
Human Swiss Prot	Q13480		
No : Mouse Gene Id :	14388		
Mouse Swiss Prot No :	Q9QYY0		
Immunogen :	The antiserum was produced against synthesized peptide derived from human GAB1. AA range:611-643		
Specificity :	Gab 1 Polyclonal Antibody detects endogenous levels of Gab 1 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. IF 1:200 - 1:1000. 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 :	110 83kD		
Cell Pathway :	ErbB_HER;Neurotrophin;Renal cell carcinoma;		
Background :	GRB2 associated binding protein 1(GAB1) Homo sapiens The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],		
Function :	function:Probably involved in EGF and insulin receptor signaling.,PTM:Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2 and with other SH2-containing proteins. Interacts with phosphorylated LAT2.,		
Subcellular Location :	cytosol,		
Expression :	Testis,Whole embryo,		

Products Images				
Gab1-	3T3	117 85	Western blot analysis of GAB1 (Ab-627) Antibody. The lane on the right is blocked with the GAB1 (Ab-627) peptide.	
		48		
		26 19 (kD)		