

## Rabaptin-5 $\alpha$ rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A20472	Rabbit	1 mg/ml	99290

<b>Applications</b>	IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	IHC: 1:100 - 1:300. ELISA: 1:40000. Not yet tested in other applications.
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	Rabaptin-5 $\alpha$ Polyclonal Antibody detects endogenous levels of Rabaptin-5 $\alpha$ protein.
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RABEP1. AA range:549-598
<b>Uniprot No</b>	Q15276
<b>Alternative names</b>	RABEP1; RAB5EP; RABPT5; RABPT5A; Rab GTPase-binding effector protein 1; Rabaptin-4; Rabaptin-5; Rabaptin-5alpha; Renal carcinoma antigen NY-REN-17
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	function:Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.,PTM:Proteolytic cleavage by caspases in apoptotic cells causes loss of endosome fusion activity.,similarity:Belongs to the rabaptin family.,subunit:Heterodimer with RABGEF1. The heterodimer binds RAB4A and RAB5A that have been activated by GTP-binding. Binds TSC2, GGA1, GGA2, GGA3, AP1G1 and AP1G2.,
<b>Other</b>	RABEP1, Rab GTPase-binding effector protein 1
<b>Product Images:</b>	

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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