



Rabaptin-5 α Polyclonal Antibody

E20-73947

Catalog Number:E20-73947

Amount:100ul

Applications:IHC-p, WB, ELISA

Reactivity:Human, Mouse, Rat

Gene Name:RABEP1

Protein Name:Rab GTPase-binding effector protein 1

Human Gene Id:9135

Human Swiss Prot No:Q15276

Mouse Gene Id:54189

Mouse Swiss Prot No:O35551

Rat Gene Id:54190

Rat Swiss Prot No:O35550

Immunogen:The antiserum was produced against synthesized peptide derived from human RABEP1.

AA range:549-598

Specificity:Rabaptin-5 α Polyclonal Antibody detects endogenous levels of Rabaptin-5 α protein.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source:Rabbit

Dilution:Immunohistochemistry: 1/100 - 1/300. Western Blot: 1/500 - 1/2000. ELISA: 1/40000. 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:-20°C/1 year

Other Names:RABEP1; RAB5EP; RABPT5; RABPT5A; Rab GTPase-binding effector protein 1;

Rabaptin-4; Rabaptin-5; Rabaptin-5alpha; Renal carcinoma antigen NY-REN-17

Molecular Weight (Da):99290

For Research Use Only

Background:function:Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A.

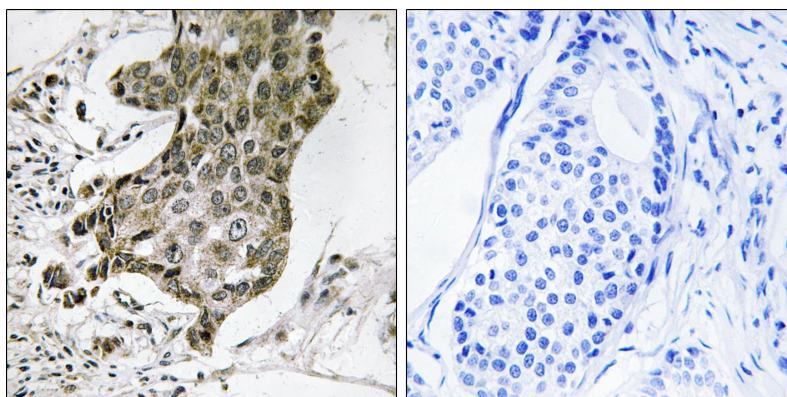
Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.,PTM:Proteolytic cleavage by caspases in apoptotic cells causes loss of endosome fusion activity.

Function:function:Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A.

Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes.

Subcellular Location:endosome,early endosome,endocytic vesicle,intracellular membrane-bounded organelle,recycling endosome.

Expression:Cervix carcinoma,Epithelium,Fetal brain cortex,Kidney,Plate.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using RABEP1 Antibody. The picture on the right is blocked with the synthesized peptide.