



Rab 20 Polyclonal Antibody

Catalog No	YP-Ab-16190
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	RAB20
Immunogen	The antiserum was produced against synthesized peptide derived from human RAB20. AA range:115-164
Specificity	Rab 20 Polyclonal Antibody detects endogenous levels of Rab 20 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLJ20429;RAB20;Ras related protein Rab 20;Rab 20;Ras-related protein Rab-20
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Golgi apparatus . Cytoplasmic vesicle, phagosome . Cytoplasmic vesicle, phagosome membrane ; Lipid-anchor ; Cytoplasmic side . Highly enriched on apical endocytic structures in polarized epithelial cells of kidney proximal tubules (By similarity). Recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211). .
Tissue Specificity	Low or absent expression in normal pancreas and stronger expression in 15 of 18 exocrine pancreatic adenocarcinomas (at protein level).
Function	function:Plays a role in apical endocytosis/recycling.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Highly enriched on apical endocytic structures in polarized epithelial cells of kidney proximal tubules.,tissue specificity:Low or absent expression in normal pancreas and stronger expression in 15 of 18 exocrine pancreatic adenocarcinomas (at protein level).,



Background

function: Plays a role in apical endocytosis/recycling., similarity: Belongs to the small GTPase superfamily. Rab family., subcellular location: Highly enriched on apical endocytic structures in polarized epithelial cells of kidney proximal tubules., tissue specificity: Low or absent expression in normal pancreas and stronger expression in 15 of 18 exocrine pancreatic adenocarcinomas (at protein level).,

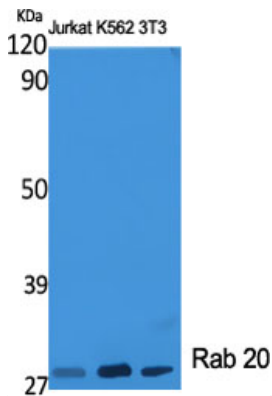
matters needing attention

Avoid repeated freezing and thawing!

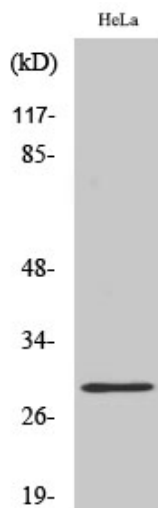
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

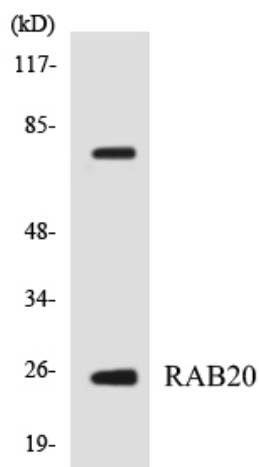


Western Blot analysis of various cells using Rab 20 Polyclonal Antibody diluted at 1:2000

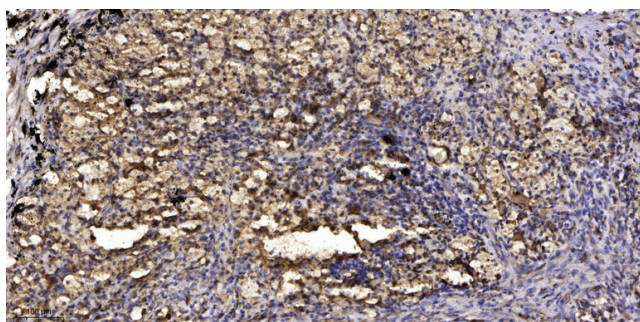


Western Blot analysis of A549 cells using Rab 20 Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from HeLa, MCF-7, HUVEC, and A549 cells, using RAB20 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using RAB20 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).