

Rab 20 Polyclonal Antibody

Catalog No :	YT3922
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	Rab 20
Gene Name :	RAB20
Protein Name :	Ras-related protein Rab-20
Human Gene Id :	55647
Human Swiss Prot No :	Q9NX57
Mouse Swiss Prot No :	P35295
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
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
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 :	28kD

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).,

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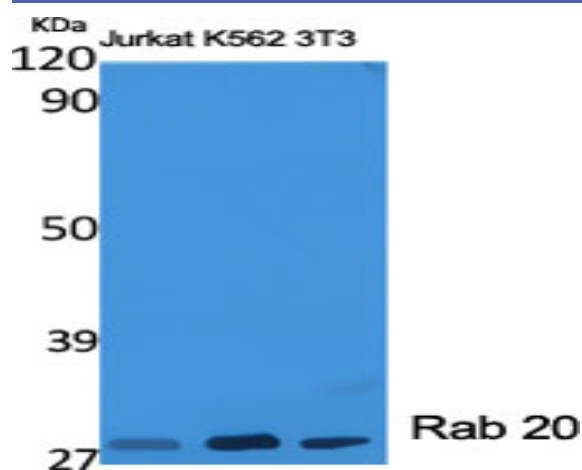
Subcellular Location :

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). .

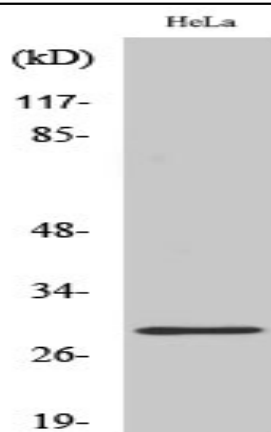
Expression :

Low or absent expression in normal pancreas and stronger expression in 15 of 18 exocrine pancreatic adenocarcinomas (at protein level).

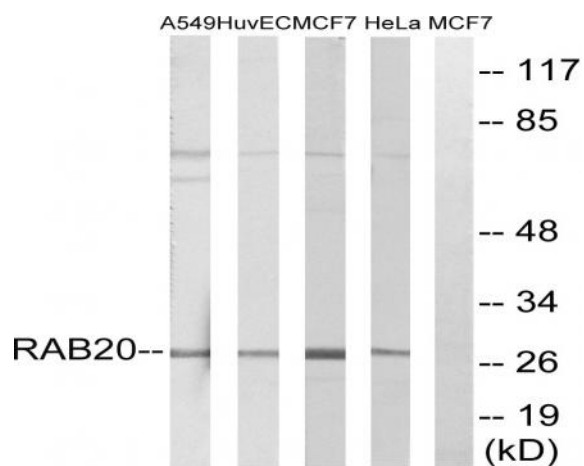
Products Images



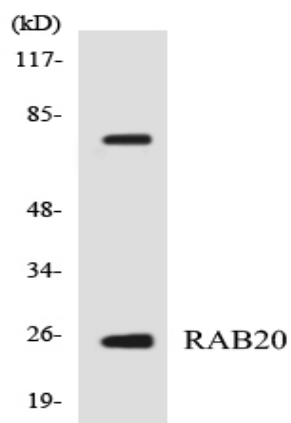
Western Blot analysis of various cells using Rab 20 Polyclonal Antibody diluted at 1:2000



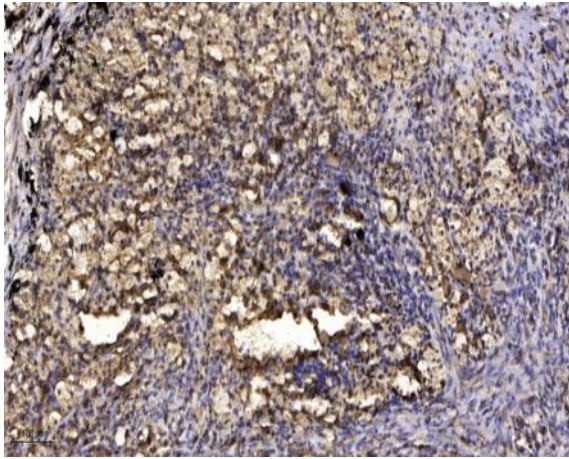
Western Blot analysis of A549 cells using Rab 20 Polyclonal Antibody diluted at 1:2000



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).