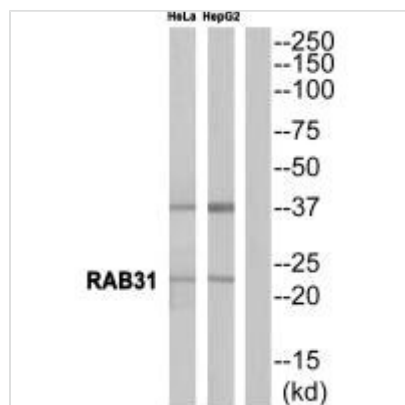




RAB31 Antibody

Product Code	CSB-PA139202
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13636
Immunogen	Synthesized peptide derived from internal of Human RAB31.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total RAB31 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Required for the integrity and for normal function of the Golgi apparatus and the trans-Golgi network. Plays a role in insulin-stimulated translocation of GLUT4 to the cell membrane. Plays a role in M6PR transport from the trans-Golgi network to endosomes. Plays a role in the internalization of EGFR from the cell membrane into endosomes. Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Chen D., Gene 174:129-134(1996) [PubMed: 8863739]. Bao X.,Eur. J. Biochem. 269:259-271(2002) [PubMed: 11784320]. Ota T., Nat. Genet. 36:40-45(2004) [PubMed: 14702039].
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Ras-related protein Rab-31; Ras-related protein Rab-22B;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	RAB31
Image	



Western blot analysis of extracts from HeLa cells and HepG2 cells, using RAB31 antibody.