

Anti-AAK1 Polyclonal Antibody

CATALOG NO:	3810-30T	30 µg (Trial size)
	3810-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 850 of human AAK1 (ID# BV-586).	
SPECIES REACTIVITY:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

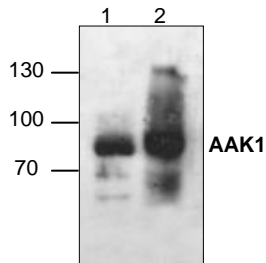
AAK1 is a serine/threonine kinase that is thought to coordinate the recruitment of AP-2 to receptors containing tyrosine-based internalization motifs by phosphorylating the $\mu 2$ subunit. There is strong evidence that this protein is the endogenous $\mu 2$ kinase and plays a regulatory role in clathrin-mediated endocytosis, including the regulation of fatty acid synthesis and cholesterol synthesis.

SPECIFICITY:

The antibody recognizes ~95 kDa AAK1 in samples from human, mouse and rat origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3810BP-50) is available separately.



Cat. #: 3810-100
Western blot analysis of AAK1 expression in 3T3 cell lysate (Lane 1) and rat kidney tissue lysate (Lane 2).

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