

## Product datasheet for **AP17859PU-N**

### AAK1 (N-term) Rabbit Polyclonal Antibody

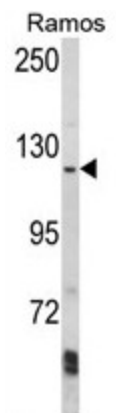
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the n-terminal region of human AAK1
Specificity:	This antibody reacts to AAK1.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	AP2 associated kinase 1
Database Link:	<a href="#">Entrez Gene 22848 Human Q2M2I8</a>
Background:	Adaptor-related protein complex 2 (AP-2 complexes) functions during receptor-mediated endocytosis to trigger clathrin assembly, interact with membrane-bound receptors, and recruit endocytic accessory factors. AAK1 is a member of the SNF1 subfamily of Ser/Thr protein kinases. The protein interacts with and phosphorylates a subunit of the AP-2 complex, which promotes binding of AP-2 to sorting signals found in membrane-bound receptors and subsequent receptor endocytosis. Its kinase activity is stimulated by clathrin.
Synonyms:	AP2-associated protein kinase 1, KIAA1048
Protein Families:	Druggable Genome, Protein Kinase



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## Product images:



Western blot analysis of AAK1 Antibody (N-term) in Ramos cell line lysates (35ug/lane). AAK1 (arrow) was detected using the purified Pab.