



Human AAK1 blocking peptide (CDBP0251)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AAK1 antibody
Antigen Description	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. This gene encodes 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. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	AAK1 AP2 associated kinase 1 [Homo sapiens]
Official Symbol	AAK1

Synonyms	AAK1; AP2 associated kinase 1; AP2-associated protein kinase 1; DKFZp686K16132; KIAA1048; adaptor-associated kinase 1; FLJ23712; FLJ25931; FLJ31060; FLJ42882; FLJ45252; MGC138170; MGC164568; MGC164570; DKFZp686F03202;
Entrez Gene ID	22848
mRNA Refseq	NM_014911
Protein Refseq	NP_055726
UniProt ID	Q2M2I8
Chromosome Location	2p24.3-p14
Function	AP-2 adaptor complex binding; ATP binding; Notch binding; nucleotide binding; protein serine/threonine kinase activity;