



# Anti-AAK1 (C-terminal) polyclonal antibody (DPAB-L20002)

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

## PRODUCT INFORMATION

**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. [provided by RefSeq, Jul 2008]

<b>Immunogen</b>	Aak1 antibody was raised against a 18 amino acid peptide near the carboxy terminus of the human Aak1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	indirect ELISA: suitable
<b>Format</b>	Buffered aqueous solution
<b>Size</b>	100µg
<b>Buffer</b>	Supplied in PBS with 0.02% sodium azide.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C

## GENE INFORMATION

**Gene Name** [AAK1 AP2 associated kinase 1 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	AAK1
<b>Synonyms</b>	AAK1; AP2 associated kinase 1; AP2-associated protein kinase 1; adaptor-associated kinase 1
<b>Entrez Gene ID</b>	<a href="#">22848</a>
<b>Protein Refseq</b>	<a href="#">NP_055726</a>
<b>UniProt ID</b>	<a href="#">Q2M2I8</a>
<b>Function</b>	AP-2 adaptor complex binding; ATP binding; Notch binding; protein binding; protein serine/threonine kinase activity