

Rabbit AAK1 Polyclonal Antibody | anti-AAK1 antibody

AAK1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294167	Rabbit	Human, Mouse, Rat, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

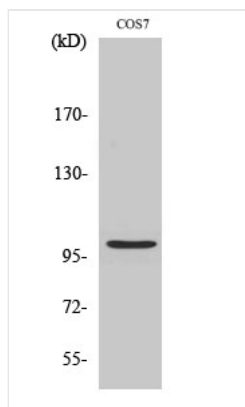
PRODUCT SYNONYMS

AAK1; Polyclonal Antibody; AAK1 Polyclonal Antibody; KIAA1048; AP2-associated protein kinase 1; Adaptor-associated kinase 1; anti-AAK1 antibody

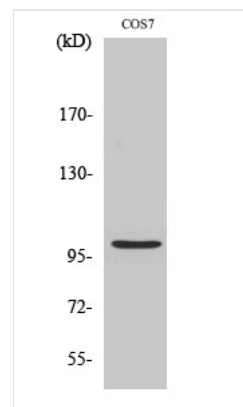
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Applicable Applications for anti-AAK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-AAK1 antibody

Regulates clathrin-mediated endocytosis by phosphorylating the AP2M1/mu2 subunit of the adaptor protein complex 2 (AP-2) which ensures high affinity binding of AP-2 to cargo membrane proteins during the initial stages of endocytosis. Isoform 1 and isoform 2 display similar levels of kinase activity towards AP2M1. Regulates phosphorylation of other AP-2 subunits as well as AP-2 localization and AP-2-mediated internalization of ligand complexes. Phosphorylates NUMB and regulates its cellular localization, promoting NUMB localization to endosomes. Binds to and stabilizes the activated form of NOTCH1, increases its localization in endosomes and regulates its transcriptional activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148277037
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NCBI GeneID	22848
NCBI Accession #	NP_055726.3
NCBI GenBank Nucleotide #	NM_014911.3
UniProt Accession #	Q2M2I8; Q4ZFZ3; Q53RX6; Q9UPV4
Molecular Weight	103,885 Da
NCBI Official Full Name	AP2-associated protein kinase 1
NCBI Official Synonym Full Names	AP2 associated kinase 1
NCBI Official Symbol	AAK1
NCBI Protein Information	AP2-associated protein kinase 1; adaptor-associated kinase 1
UniProt Protein Name	AP2-associated protein kinase 1
UniProt Gene Name	AAK1
UniProt Synonym Gene Names	KIAA1048
UniProt Entry Name	AAK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aak1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/294167>