

## Product datasheet

# Anti-AAK1 antibody ab77082

[2 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-AAK1 antibody
<b>Description</b>	Rabbit polyclonal to AAK1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Synthetic 20 amino acid peptide from near the amino terminus of human AAK1 (NP_055726).
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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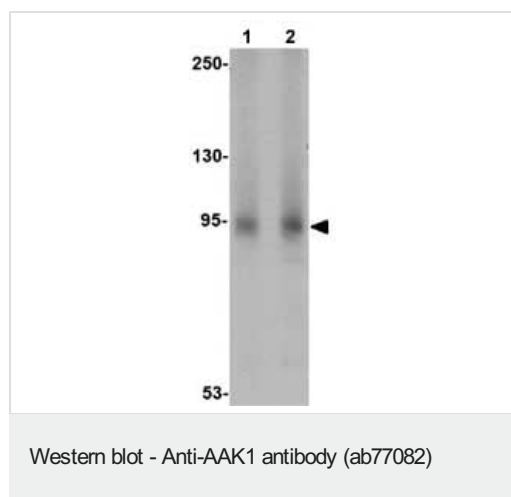
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab77082 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 94 kDa.

## Target

<b>Function</b>	Phosphorylates the AP2M1/mu2 subunit of the adaptor protein complex 2 (AP-2). May play a role in regulating aspects of clathrin-mediated endocytosis.
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 protein kinase domain.
<b>Post-translational modifications</b>	Autophosphorylated.
<b>Cellular localization</b>	Membrane. Cell membrane. Membrane > clathrin-coated pit. Active when found in clathrin-coated pits at the plasma membrane.

## Images



**Lane 1** : Anti-AAK1 antibody (ab77082) at 1 µg/ml

**Lane 2** : Anti-AAK1 antibody (ab77082) at 2 µg/ml

**All lanes** : A-20 lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 94 kDa

**Observed band size:** 94 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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