

Datasheet for ABIN7128097
anti-AAK1 antibody (N-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	AAK1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AAK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein corresponding to N terminal 236 amino acids of Human Adaptor-associated protein kinase 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purification

Target Details

Target:	AAK1
Alternative Name:	AAK1 (AAK1 Products)
Background:	Background:

Target Details

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.

Aliases: AAK 1 antibody, Aak1 antibody, AAK1_HUMAN antibody, Adaptor associated kinase 1 antibody, Adaptor-associated kinase 1 antibody, AP2 associated kinase 1 antibody, AP2 associated protein kinase 1 antibody, AP2-associated protein kinase 1 antibody, DKFZp686F03202 antibody, DKFZp686K16132 antibody, FLJ23712 antibody, FLJ25931 antibody, FLJ31060 antibody, FLJ42882 antibody, FLJ45252 antibody, KIAA1048 antibody, MGC138170 antibody, MGC164568 antibody, MGC164570 antibody

UniProt: [Q2M2I8](#)

Application Details

Application Notes: WB:1:500-1:1000, IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

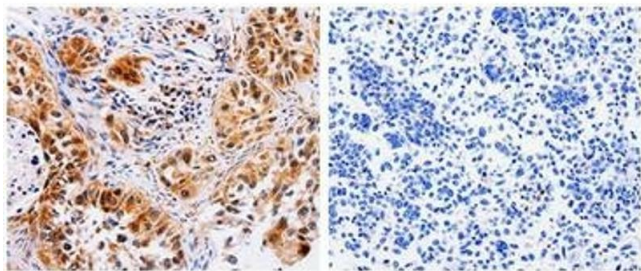
Buffer: Supplied at 1.1 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.3, 0.05 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

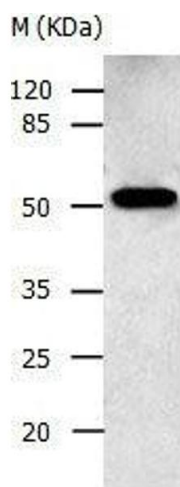
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 31024 (AAK1 Antibody) at dilution 1/30, on the right is treated with the fusion protein.



Western Blotting

Image 2. Gel: 10 % SDS-PAGE Lysate: 30 µg Human fetal brain tissue lysate Primary antibody: 1/500 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 30 seconds