

订购热线: 4008-898-798

# Anti-AAK1 antibody

**Cat. No.** ml220186

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-AAK1 rabbit polyclonal antibody

Applications ELISA, IHC

Immunogen Fusion protein of human AAK1

Reactivity Human, Mouse, Rat

Content0.3 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol AAK1

Full name AP2 associated kinase 1

Synonyms

Swissprot Q2M2I8

### **Target Background**

Adaptor-related protein complex 2 (AP-2 complexes) functions during receptor-mediated endocytosis to trigger clathrin assembly, interact with membrane-bound receptors, and recruit encodytic 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.



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# **Applications**

## **Immunohistochemistry**

Predicted cell location: Cell membrane

Positive control: Human brain Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human brain tissue using ml220186(AAK1 Antibody) at dilution 1/30. (Original magnification: ×200)

#### **ELISA**

Recommended dilution: 5000-10000

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