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ADCK1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50794

Specification

ADCK1 Antibody - Product Information

Application	**WB**
Primary Accession	Q86TW2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**61,60,52 KDa**
Antigen Region	**276-303**

ADCK1 Antibody - Additional Information

Gene ID 57143

Other Names
Uncharacterized aarF domain-containing protein kinase 1, 2711-, ADCK1

Dilution
WB~~ 1:1000

Format
Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

ADCK1 Antibody - Protein Information

Name ADCK1 {ECO:0000303|PubMed:31125351}

Function
Appears to be essential for maintaining mitochondrial cristae formation and mitochondrial function by acting via YME1L1 in a kinase- independent manner to regulate essential mitochondrial structural proteins OPA1 and IMMT (PubMed:31125351). The action of this enzyme is not yet clear (Probable). It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr) (Probable).

Cellular Location
Mitochondrion.

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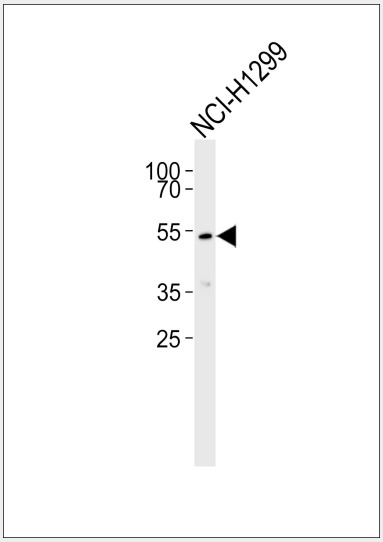
ADCK1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ADCK1 Antibody - Images



Western blot analysis of lysate from NCI-H1299 cell line,using ADCK1 Antibody(AP50794). AP50794 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

ADCK1 Antibody - Background

The function of this protein is not yet clear. It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr).

ADCK1 Antibody - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Li W.B.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.