

**AMPD2 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9118c****Specification**

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**AMPD2 Antibody (Center) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">Q01433</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	94890
Antigen Region	187-217

**AMPD2 Antibody (Center) - Additional Information****Gene ID** 271**Other Names**

AMP deaminase 2, AMP deaminase isoform L, AMPD2

**Target/Specificity**

This AMPD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-217 amino acids from the Central region of human AMPD2.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AMPD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**AMPD2 Antibody (Center) - Protein Information****Name** AMPD2 ([HGNC:469](#))

**Function** AMP deaminase plays a critical role in energy metabolism. Catalyzes the deamination of AMP to IMP and plays an important role in the purine nucleotide cycle.

**Tissue Location**

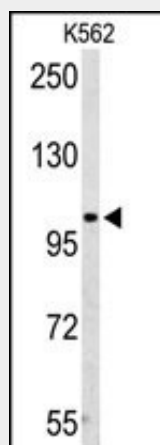
Highly expressed in cerebellum.

**AMPD2 Antibody (Center) - Protocols**

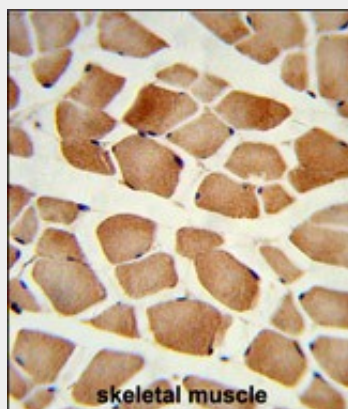
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**AMPD2 Antibody (Center) - Images**

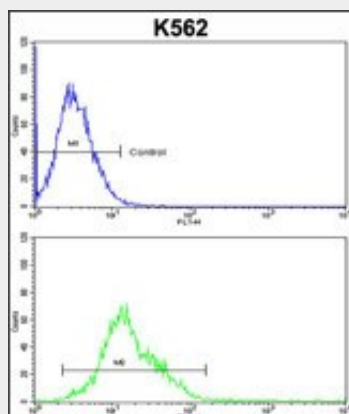


Western blot analysis of AMPD2 Antibody (Center) (Cat. #AP9118c) in K562 cell line lysates (35ug/lane). AMPD2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human skeletal muscle reacted with AMPD2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



AMPD2 Antibody (Center) (Cat. #AP9118c) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **AMPD2 Antibody (Center) - Background**

AMP deaminase plays a critical role in energy metabolism.

#### **AMPD2 Antibody (Center) - References**

Haas, A.L. et.al., Biochem. Biophys. Res. Commun. 305 (2), 421-427 (2003)  
Mahnke-Zizelman, D.K., et.al., Biochim. Biophys. Acta 1308 (2), 122-132 (1996)