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Datasheet for ABIN950400

anti-AMPD2 antibody (Middle Region)

3 Images

Overview

Quantity:	0.4 mL
Target:	AMPD2
Binding Specificity:	AA 194-224, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMPD2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 194~224 amino acids from the Center region of human AMPD2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AMP deaminase 2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Ammonium Sulphate precipitation

Target Details

Target:	AMPD2
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Target Details

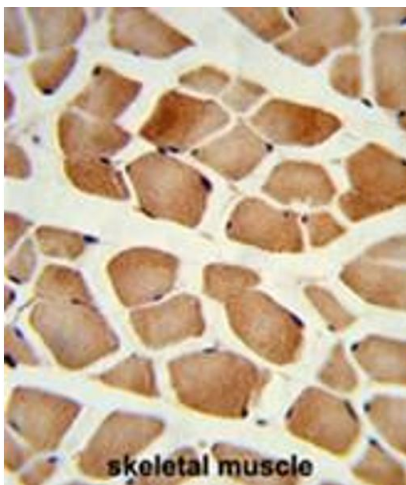
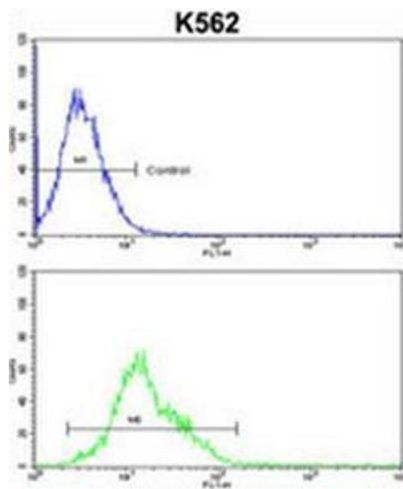
Alternative Name:	AMP Deaminase 2 / AMPD2 (AMPD2 Products)
Background:	AMP deaminase plays a critical role in energy metabolism.Synonyms: AMP deaminase isoform L
Gene ID:	271
NCBI Accession:	NP_004028

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. AMPD2 Antibody (Center) 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.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. 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.

Western Blotting

Image 3. Western blot analysis of AMPD2 Antibody (Center) in K562 cell line lysates (35µg/lane). AMPD2 (arrow) was detected using the purified Pab.