

AMPD3 Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP00409 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | Synthesized peptide derived from AMPD3 . at AA range: 280-360 |
| Mol wt | 88812 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | AMPD3 Antibody |
| Synonyms | AMPD3; AMP deaminase 3; AMP deaminase isoform E; Erythrocyte AMP deaminase |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

AMPD3 encodes a member of the AMP deaminase gene family. The adenosine monophosphate deaminase 3 is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. AMPD3 encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year