

## bs-2077R-A350

### • Rabbit Anti-AMP deaminase 1 Polyclonal Antibody, Alexa Fluor 350 conjugated

Conjugated Primary Antibodies

#### Background:

AMP deaminase (AMPD) is an allosteric enzyme that plays a critical role in energy metabolism. There are three functional isoforms of AMPD. AMPD1 is the skeletal muscle-specific isoform M located in type II muscle fibers, neuromuscular junctions and in capillaries. Defects in AMPD1 are the cause of adenosine monophosphate deaminase deficiency muscle type (AMPDDM). AMPDDM is a metabolic disorder resulting in exercise-related myopathy. It is characterized by exercise-induced muscle aches, cramps, and early fatigue.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Dog, Cow, Horse, Sheep,

#### Application:

- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 86kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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