
PPAPDC3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254187

Unit: 0.1 mg

Description:

PPAPDC3, also known as nuclear envelope transmembrane protein 39 (NET39), was initially discovered in an in silico screen for secreted or membrane proteins. It is a member of the PAP2 superfamily of phosphatases and haloperoxidases. PPAPDC3 has recently been shown to act as a negative regulator of myoblast differentiation by diminishing the activity of the mammalian target of rapamycin TOR. PPAPDC3 is highly expressed in cardiac and skeletal muscle and becomes strongly upregulated during cultured myoblast differentiation tissues. Overexpression of PPAPDC3 in myoblasts repressed myogenesis while knockdown by RNA interference promoted differentiation indicating its part in the regulatory mechanism for myogenesis.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PPAPDC3; Phosphatidic acid phosphatase type 2 domain containing 3; NET39

Accession No.: EAW87966

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PPAPDC3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.