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Datasheet for ABIN2796356 **anti-EPS15 antibody (N-Term)**

Overview

Quantity:	400 µL
Target:	EPS15
Binding Specificity:	AA 186-216, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPS15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human EPS15R (N-term) Antibody
Immunogen:	This EPS15R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-216 amino acids from the N-terminal region of human EPS15R.
Isotype:	Ig Fraction

Target Details

Target:	EPS15
Alternative Name:	EPS15 (EPS15 Products)
Background:	Target Description: Ubiquitin is a 76 amino acid highly conserved eukaryotic polypeptide that selectively marks cellular proteins for proteolytic degradation by the 26S proteasome. The process of target selection, covalent attachment and shuttle to the 26S proteasome is a vital

Target Details

means of regulating the concentrations of key regulatory proteins in the cell by limiting their lifespans. Polyubiquitination is a common feature of this modification. Serial steps for modification include the activation of ubiquitin, an ATP-dependent formation of a thioester bond between ubiquitin and the enzyme E1, transfer by transacylation of ubiquitin from E1 to the ubiquitin conjugating enzyme E2, and covalent linkage to the target protein directly by E2 or via E3 ligase enzyme. Deubiquitination enzymes also exist to reverse the marking of protein substrates. Posttranslational tagging by Ub is involved in a multitude of cellular processes, including the cell cycle, cell growth and differentiation, embryogenesis, apoptosis, signal transduction, DNA repair, regulation of transcription and DNA replication, transmembrane transport, stress responses, the immune response, and nervous system functions.

Gene Symbol: EPS15L1

Molecular Weight: 94255 Da

Gene ID: 58513

UniProt: [Q9UBC2](#)

Pathways: [EGFR Signaling Pathway](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [EGFR Downregulation](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000The anti-EPS15R Pab is used in Western blot to detect EPS15R in Y79 cell lysate.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)