

Anti-FMN1 Picoband Antibody

Catalog # ABO13059

Product Information

Application	WB, IHC-P
Primary Accession	Q68DA7
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Formin-1(FMN1) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	342184
Other Names	Formin-1, Limb deformity protein homolog, FMN1, FMN, LD
Calculated MW	157578
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, Rat, Human, By Heat Western blot, 0.1-0.5 µg/ml, Mouse, Rat, Human,
Subcellular Localization	Nucleus . Cytoplasm . Cell junction, adherens junction . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Localization to the adherens junctions is alpha-catenin-dependent. Also localizes to F-actin bundles originating from adherens junctions and to microtubules (By similarity). .
Source	Eukaryota
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived human FMN1 recombinant protein (Position: N1195-N1419). Human FMN1 shares 93.8% amino acid (aa) sequence identity with mouse FMN1.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20° C for one year. After reconstitution, at 4° C for one month. It can also

be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	FMN1
Synonyms	FMN, LD
Function	Plays a role in the formation of adherens junction and the polymerization of linear actin cables.
Cellular Location	Nucleus. Cytoplasm. Cell junction, adherens junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Localization to the adherens junctions is alpha-catenin-dependent. Also localizes to F-actin bundles originating from adherens junctions and to microtubules (By similarity)

Background

Formins, such as FMN1, are actin-nucleating proteins involved in cell polarity, cytokinesis, cell migration, and transcriptional activity. This FMN1 gene belongs to the formin homology family and encodes a protein that has a role in the formation of adherens junction and the polymerization of linear actin cables. The homologous gene in mouse is associated with limb deformity. Alternatively spliced transcript variants have been found for this gene.

Images

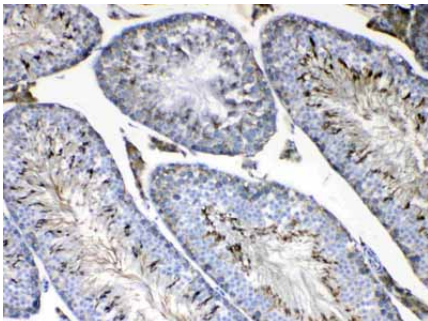
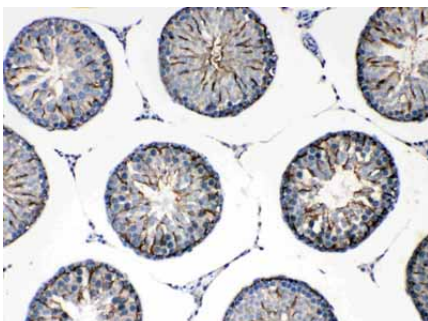
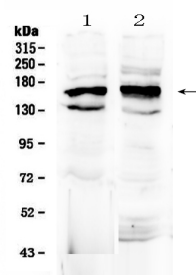


Figure 2. IHC analysis of FMN1 using anti-FMN1 antibody (ABO13059).





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.