

Anti-FMN1 Picoband Antibody
Catalog # ABO13059**Specification**

Anti-FMN1 Picoband Antibody - Product Information

Application	IHC
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.

Anti-FMN1 Picoband Antibody - Additional Information

Gene ID 342184

Other Names

Formin-1, Limb deformity protein homolog, FMN1, FMN, LD

Calculated MW

157578 MW KDa

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).

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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.

Anti-FMN1 Picoband Antibody - 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)

Anti-FMN1 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FMN1 Picoband Antibody - Images

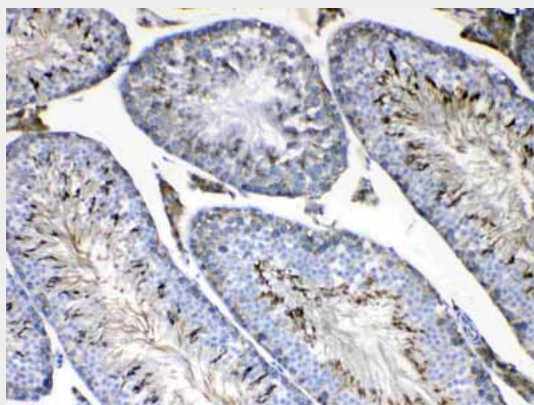
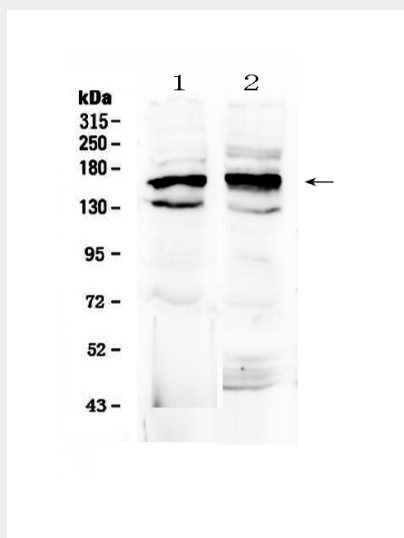
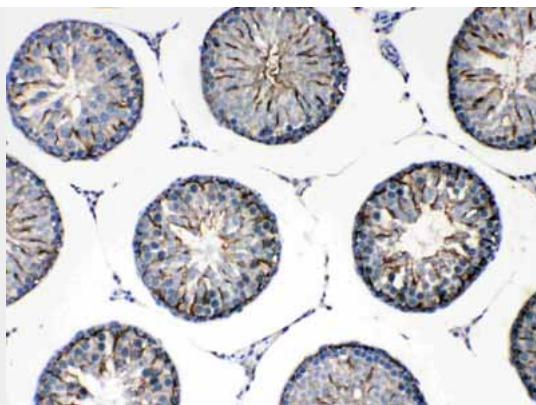


Figure 2. IHC analysis of FMN1 using anti-FMN1 antibody (ABO13059).



Anti-FMN1 Picoband Antibody - 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.