

Moesin/Ezrin/Radixin Polyclonal Antibody

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| Catalog No : | YT2813 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | Moesin/Ezrin/Radixin |
| Fields : | >>Tight junction;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Measles;>>Proteoglycans in cancer |
| Gene Name : | MSN |
| Protein Name : | Moesin |
| Human Gene Id : | 4478/5962 |
| Human Swiss Prot No : | P26038/P35241/P15311 |
| Mouse Gene Id : | 17698/19684/22350 |
| Rat Gene Id : | 81521/54319 |
| Rat Swiss Prot No : | O35763/P31977 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human Moesin/Ezrin/Radixin. AA range:524-573 |
| Specificity : | Moesin/Ezrin/Radixin Polyclonal Antibody detects endogenous levels of Moesin/Ezrin/Radixin protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity- |

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 67kD

Cell Pathway : Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;

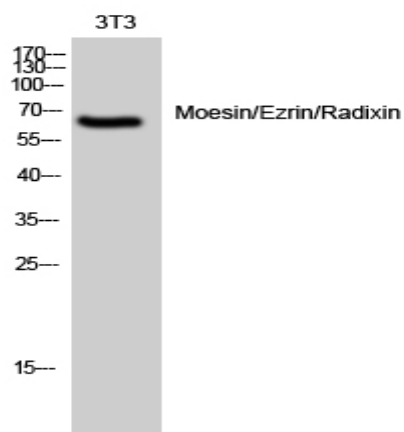
Background : Moesin (for membrane-organizing extension spike protein) is a member of the ERM family which includes ezrin and radixin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. Moesin is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement. [provided by RefSeq, Jul 2008],

Function : function:Probably involved in connections of major cytoskeletal structures to the plasma membrane.,PTM:Phosphorylation on Thr-558 is crucial for the formation of microvilli-like structures.,similarity:Contains 1 FERM domain.,subcellular location:Phosphorylated form is enriched in microvilli-like structures at apical membrane.,subunit:In resting T-cells, part of a PAG1-SLC9A3R1-MSN complex which is disrupted upon TCR activation (By similarity). Binds SLC9A3R1.,tissue specificity:In all tissues and cultured cells studied.,

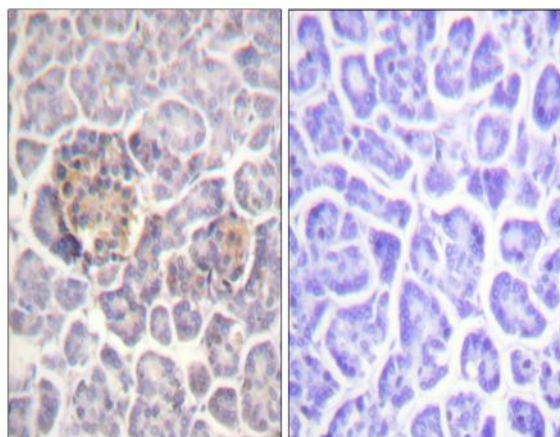
Subcellular Location : Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytoskeleton . Apical cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, microvillus membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, microvillus . Phosphorylated form is enriched in microvilli-like structures at apical membrane. Increased cell membrane localization of both phosphorylated and non-phosphorylated forms seen after thrombin treatment (By similarity). Localizes at the uropods of T lymphoblasts. .

Expression : In all tissues and cultured cells studied.

Products Images



Western Blot analysis of 3T3 cells using Moesin/Ezrin/Radixin Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using Moesin/Ezrin/Radixin Antibody. The picture on the right is blocked with the synthesized peptide.