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Mena Polyclonal Antibody

Catalog # AP70914

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q8N8S7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66510

Additional Information

Gene ID	55740
Other Names	ENAH; MENA; Protein enabled homolog
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

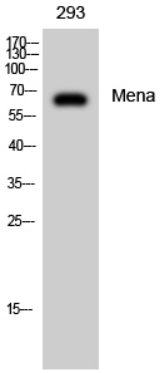
Name	ENAH
Synonyms	MENA
Function	Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance and lamellipodial and filopodial dynamics in migrating cells. ENAH induces the formation of F-actin rich outgrowths in fibroblasts. Acts synergistically with BAIAP2-alpha and downstream of NTN1 to promote filipodia formation (By similarity).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, lamellipodium. Cell projection, filopodium. Synapse. Cell junction, focal adhesion. Note=Targeted to the leading edge of lamellipodia and filopodia by MRL family members. Colocalizes at filopodial tips with a number of other proteins including vinculin and zyxlin. Colocalizes with N-WASP at the leading edge. Colocalizes with GPHN and PFN at synapses (By similarity).
Tissue Location	Expressed in myoepithelia of parotid, breast, bronchial glands and sweat

glands. Expressed in colon-rectum muscolaris mucosae epithelium, pancreas acinar ductal epithelium, endometrium epithelium, prostate fibromuscolar stroma and placenta vascular media Overexpressed in a majority of breast cancer cell lines and primary breast tumor lesions.

Background

Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance and lamellipodial and filopodial dynamics in migrating cells. ENAH induces the formation of F-actin rich outgrowths in fibroblasts. Acts synergistically with BAIAP2-alpha and downstream of NTN1 to promote filipodia formation (By similarity).

Images



Western Blot analysis of 293 cells using Mena Polyclonal Antibody diluted at 1：2000