

Rabbit ENAH/MENA Polyclonal Antibody | anti-ENAH antibody

Anti-ENAH/MENA Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126426	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ENAH/MENA; Polyclonal Antibody; Anti-ENAH/MENA Antibody Picoband; anti-ENAH antibody

PRODUCT SPECIFICATIONS

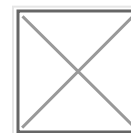
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-ENAH antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human ENAH/MENA recombinant protein (Position: F32-E551).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 5. IF analysis of ENAH/MENA using anti-ENAH/MENA antibody (AAA126426). ENAH/MENA was detected in an immunocytochemical section of A431 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-ENAH/MENA Antibody (AAA126426) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



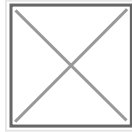
IHC (Immunohistochemistry)

Figure 4. IHC analysis of ENAH/MENA using anti-ENAH/MENA antibody (AAA126426). ENAH/MENA was detected in a paraffin-embedded section of human the renal pelvis is squamous metaplasia tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ENAH/MENA Antibody (AAA126426) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemisry)

Figure 3. IHC analysis of ENAH/MENA using anti-ENAH/MENA antibody (AAA126426). ENAH/MENA was detected in a paraffin-embedded section of human ovarian serous adenocarcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ENAH/MENA Antibody (AAA126426) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohiostchemistry)

Figure 2. IHC analysis of ENAH/MENA using anti-ENAH/MENA antibody (AAA126426). ENAH/MENA was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ENAH/MENA Antibody (AAA126426) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

WB (Western Blot)

Figure 1. Western blot analysis of ENAH/MENA using anti-ENAH/MENA antibody (AAA126426). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human MCF-7 whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human T-47D whole cell lysates, Lane 4: human SiHa whole cell lysates, Lane 5: rat stomach tissue lysates, Lane 6: mouse stomach tissue lysates, Lane 7: mouse pancreas tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ENAH/MENA antigen affinity purified polyclonal antibody (#AAA126426) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for ENAH/MENA at approximately 88 kDa. The expected band size for ENAH/MENA is at 67 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ENAH antibody	Protein enabled homolog is a protein that in humans is encoded by the ENAH gene. This gene encodes a member of the enabled/ vasodilator-stimulated phosphoprotein. Members of this gene family are involved in actin-based motility. This protein is involved in regulating the assembly of actin filaments and modulates cell adhesion and motility. Alternate splice variants of this gene have been correlated with tumor invasiveness in certain tissues and these variants may serve as prognostic markers. A pseudogene of this gene is found on chromosome 3.
Product Categories/Family for anti-ENAH antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	40850918
NCBI GeneID	55740
UniProt Accession #	Q8N8S7 ; Q502W5 ; Q5T5M7 ; Q5VTQ9 ; Q5VTR0 ; Q9NVF3 ; Q9UFB8 ; D0PQI2
Molecular Weight	66,510 Da
NCBI Official Full Name	ENAH protein, partial
NCBI Official Synonym Full Names	enabled homolog (Drosophila)
NCBI Official Symbol	ENAH
NCBI Official Synonym Symbols	ENA; MENA; NDPP1
NCBI Protein Information	protein enabled homolog; mammalian enabled
UniProt Protein Name	Protein enabled homolog

UniProt Gene Name	ENAH
UniProt Synonym Gene Names	MENA
UniProt Entry Name	ENAH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/enah-mena-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/126426>