

Rabbit Septin 11/SEPTIN11 Polyclonal Antibody | anti-SEPTIN11 antibody

Anti-Septin 11/SEPTIN11 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19631	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

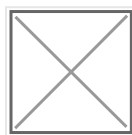
PRODUCT SYNONYMS

Septin 11/SEPTIN11; Polyclonal Antibody; Anti-Septin 11/SEPTIN11 Antibody Picoband; anti-SEPTIN11 antibody

PRODUCT SPECIFICATIONS

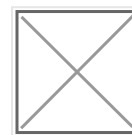
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SEPTIN11 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 0.25-0.5 ug/ml, Human, Mouse, Rat IHC-P: 2-5 ug/ml, Human, Mouse, Rat FC/FACS: 1-3 ug/1x10 ⁶ cells, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human Septin 11/SEPTIN11 (EEVNNFQKKKAAQLLSQAQQ).
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



FCM (Flow Cytometry)

Figure 7. Flow Cytometry analysis of HEL cells using anti-Septin 11/SEPTIN11 antibody (AAA19631). Overlay histogram showing HEL cells stained with AAA19631 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Septin 11/SEPTIN11 Antibody (AAA19631, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IHC (Immunohistochemistry)

Figure 6. IHC analysis of Septin 11/SEPTIN11 using anti-Septin 11/SEPTIN11 antibody (AAA19631). Septin 11/SEPTIN11 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-Septin 11/SEPTIN11 Antibody (AAA19631) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



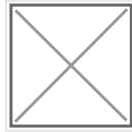
IHC (Immunohistochemistry)

Figure 5. IHC analysis of Septin 11/SEPTIN11 using anti-Septin 11/SEPTIN11 antibody (AAA19631).Septin 11/SEPTIN11 was detected in a paraffin-embedded section of human spleen 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-Septin 11/SEPTIN11 Antibody (AAA19631) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



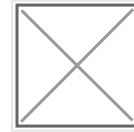
IHC (Immunohistochemistry)

Figure 4. IHC analysis of Septin 11/SEPTIN11 using anti-Septin 11/SEPTIN11 antibody (AAA19631).Septin 11/SEPTIN11 was detected in a paraffin-embedded section of rat brain 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-Septin 11/SEPTIN11 Antibody (AAA19631) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of Septin 11/SEPTIN11 using anti-Septin 11/SEPTIN11 antibody (AAA19631).Septin 11/SEPTIN11 was detected in a paraffin-embedded section of mouse brain 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-Septin 11/SEPTIN11 Antibody (AAA19631) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of Septin 11/SEPTIN11 using anti-Septin 11/SEPTIN11 antibody (AAA19631).Septin 11/SEPTIN11 was detected in a paraffin-embedded section of human appendix 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-Septin 11/SEPTIN11 Antibody (AAA19631) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPTIN11 antibody	Septin-11 is a protein that in humans is encoded by the SEPT11 gene. SEPT11 belongs to the conserved septin family of filament-forming cytoskeletal GTPases that are involved in a variety of cellular functions including cytokinesis and vesicle trafficking.
Product Categories/Family for anti-SEPTIN11 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922712
NCBI GeneID	55752
NCBI Accession #	NP_060713
NCBI GenBank Nucleotide #	NM_018243
UniProt Accession #	Q9NVA2; Q4W5G1; Q7L4N1; Q96SP1; Q9UFY9; B7Z7Z6; E9KL32
Molecular Weight	50,823 Da
NCBI Official Full Name	septin-11
NCBI Official Synonym Full Names	septin 11
NCBI Official Symbol	SEPT11
NCBI Protein Information	septin-11
UniProt Protein Name	Septin-11
UniProt Gene Name	SEPT11
UniProt Entry Name	SEP11_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/septin-11-septin11-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/19631>