

Rabbit anti-Human, Mouse SPATA13 Polyclonal Antibody | anti-SPATA13 antibody

SPATA13 Polyclonal Antibody

CATALOG # AAA167225	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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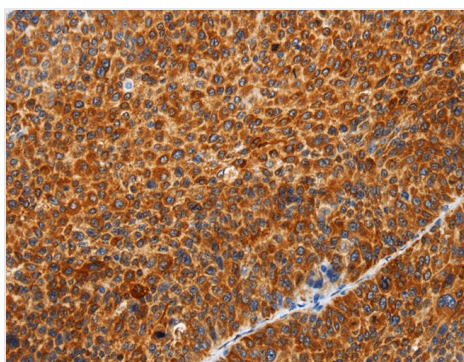
PRODUCT SYNONYMS

SPATA13; Polyclonal Antibody; SPATA13 Polyclonal Antibody; ASEF2; ARHGEF29; RP11-307N16.3; anti-SPATA13 antibody

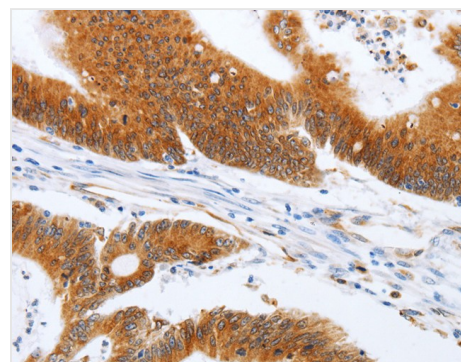
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Sequence Length	652
Applicable Applications for anti-SPATA13 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human SPATA13
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

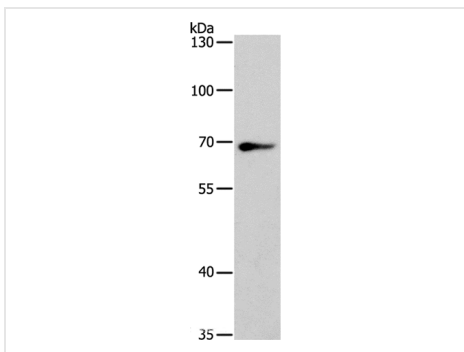
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer using SPATA13 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer using SPATA13 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Hela cell using SPATA13 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-SPATA13 antibody

Acts as guanine nucleotide exchange factor (GEF) for RHOA, RAC1 and CDC42 GTPases. Regulates cell migration and adhesion assembly and disassembly through a RAC1, PI3K, RHOA and AKT1-dependent mechanism. Increases both RAC1 and CDC42 activity, but decreases the amount of active RHOA. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Involved in tumor angiogenesis and may play a role in intestinal adenoma formation and tumor progression. Both the ABR and the SH3 domains contribute to maintaining the protein in an inhibited conformation by associating with the C-terminal tail. Binding of these domains to the C-terminal tail inhibits the activity of the protein by blocking a region that is required for its GEF activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74752049
NCBI GeneID	221178
UniProt Accession #	Q96N96; Q5VX68; Q6ZML1; Q8N873; Q8TEK6; A2VEA9; A6NF85; B4DQB1; B4DSZ0; B4DVM8; J3KPJ7; J3KQH2
Molecular Weight	75kDa
NCBI Official Full Name	Spermatogenesis-associated protein 13
NCBI Official Synonym Full Names	spermatogenesis associated 13
NCBI Official Symbol	SPATA13
NCBI Official Synonym Symbols	ASEF2; ARHGEF29
NCBI Protein Information	spermatogenesis-associated protein 13; APC-stimulated guanine nucleotide exchange factor 2; adenomatous polyposis coli stimulated exchange factor 2
UniProt Protein Name	Spermatogenesis-associated protein 13
UniProt Gene Name	SPATA13
UniProt Synonym Gene Names	Asef2
UniProt Entry Name	SPT13_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://www.aaabiotech.com/polyclonal/spata13-antibody-immunohistochemistry-western-blot-elisa/167225>