

Rabbit anti-Human Statherin Polyclonal Antibody | anti-STATH antibody

Statherin Antibody

CATALOG # AAA328998	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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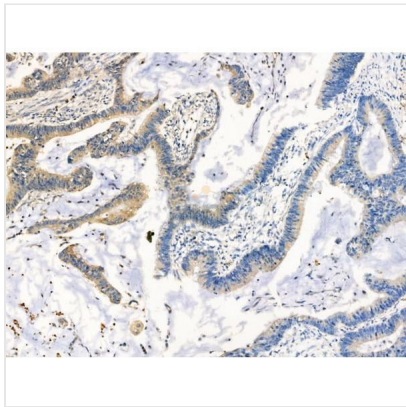
PRODUCT SYNONYMS

Statherin; Polyclonal Antibody; Statherin Antibody; STAT_HUMAN; STATH; Statherin precursor; STR; anti-STATH antibody

PRODUCT SPECIFICATIONS

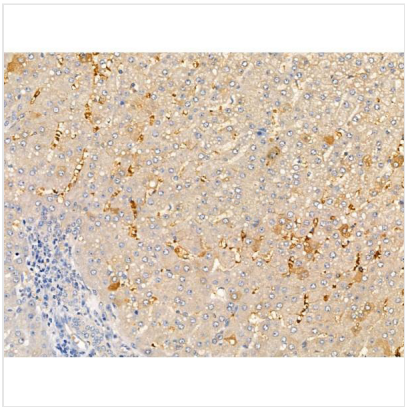
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Statherin Antibody detects endogenous levels of total Statherin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	62
Applicable Applications for anti-STATH antibody	ELISA
Immunogen	A synthesized peptide derived from human Statherin, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



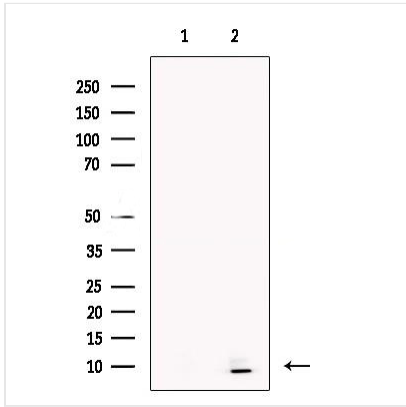
IHC (Immunohistochemisry)

AAA328998 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)

AAA328998 at 1/100 staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Human Fetal thymus, using Statherin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-STATH antibody

Function: Salivary protein that stabilizes saliva supersaturated with calcium salts by inhibiting the precipitation of calcium phosphate salts. It also modulates hydroxyapatite crystal formation on the tooth surface.

Post Translational Modifications: Substrate for transglutaminase-2. More than 95% of the cyclized peptide is cyclo-statherin Q-37, and less than 5% is cyclo-statherin Q-39. Cyclized forms account for about 1% of total statherin in saliva.Sulfated on tyrosine residues.

Subcellular Location: Secreted.

Tissue Specificity: Secreted by parotid and submandibular glands.

Similarity: Belongs to the histatin/statherin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507261
NCBI GeneID	6779
NCBI Accession #	NP_003145.1
NCBI GenBank Nucleotide #	NP_003145.1

UniProt Accession #	P02808
Molecular Weight	Observed Molecular Weight: (Observed)7kD. Predicted Molecular Weight: (Calculated)7kDa.
NCBI Official Full Name	statherin isoform a
NCBI Official Synonym Full Names	statherin
NCBI Official Symbol	STATH
NCBI Official Synonym Symbols	STR
NCBI Protein Information	statherin
UniProt Protein Name	Statherin
UniProt Gene Name	STATH
UniProt Entry Name	STAT_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/statherin-antibody-elisa/328998>