

Rabbit anti-Human, Mouse Stanniocalcin 2 Polyclonal Antibody | anti-STC2 antibody

Stanniocalcin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323148	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

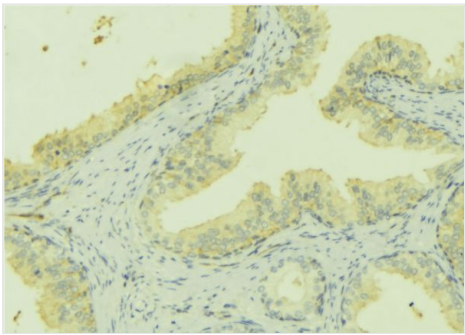
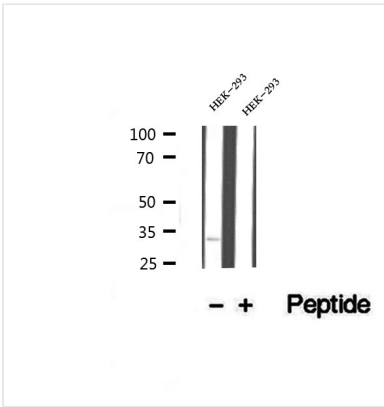
PRODUCT SYNONYMS

Stanniocalcin 2; Polyclonal Antibody; Stanniocalcin 2 Antibody; Stanniocalcin related protein; Stanniocalcin-2; Stanniocalcin-related protein; Stanniocalcin2; STC 2; STC related protein; STC-2; STC-related protein; STC2; STC2_HUMAN; STCRP; anti-STC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Stanniocalcin 2 antibody detects endogenous levels of Stanniocalcin 2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	302
Applicable Applications for anti-STC2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Stanniocalcin 2.
Subcellular Location	Secreted.
Tissue Specificity	Expressed in a variety of tissues including muscle, heart, pancreas, kidney, spleen, prostate, small intestine, colon and peripheral blood leukocytes.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323148 at 1/100 staining Mouse colon tissue 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of HEK-293 cells, using Stanniocalcin 2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STC2 antibody	Function: Has an anti-hypocalcemic action on calcium and phosphate homeostasis. Subunit Structure: Homodimer; disulfide-linked. Similarity: Belongs to the stanniocalcin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507267
NCBI GeneID	8614
NCBI Accession #	NP_003705.1
NCBI GenBank Nucleotide #	NM_003714.2
UniProt Accession #	O76061
Molecular Weight	Observed: 33 kDa Predicted: 34 kDa
NCBI Official Full Name	stanniocalcin-2
NCBI Official Synonym Full Names	stanniocalcin 2
NCBI Official Symbol	STC2
NCBI Official Synonym Symbols	STC-2; STCRP
NCBI Protein Information	stanniocalcin-2
UniProt Protein Name	Stanniocalcin-2
UniProt Gene Name	STC2
UniProt Synonym Gene Names	STC-2; STC-related protein; STCRP

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.