

Rabbit anti-Human STYX Polyclonal Antibody | anti-STYX antibody

Anti-STYX Antibody, Rabbit Polyclonal

CATALOG # AAA256073	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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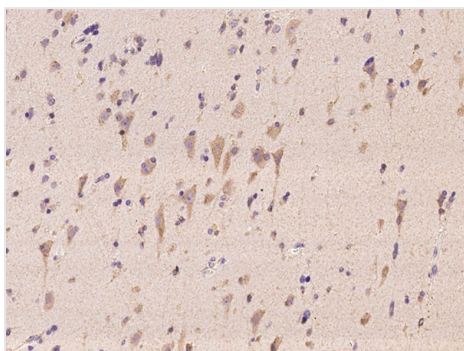
PRODUCT SYNONYMS

STYX; Polyclonal Antibody; Anti-STYX Antibody; Rabbit Polyclonal; STYX Antibody; Rabbit PAb; Antigen Affinity Purified; serine/threonine/tyrosine interacting protein; anti-STYX antibody

PRODUCT SPECIFICATIONS

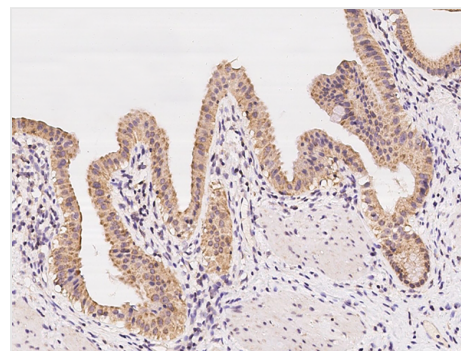
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STYX
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STYX antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human STYX fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human STYX fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human STYX in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human STYX in human gallbladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-STYX antibody	Serine/threonine/tyrosine interacting protein (STYX), a member of protein tyrosine phosphatases, has been reported as a potential oncogene. STYX plays an oncogenic role by inhibiting FBXW7 and represents a potential therapeutic target and prognostic biomarker in colorectal cancer (CRC). STYX is a unique modular domain found within proteins implicated in mediating the effects of tyrosine phosphorylation in vivo. Individual STYX domains are not catalytically active; however, they resemble protein tyrosine phosphatase (PTP) domains and, like PTPs, contain core sequences that recognize phosphorylated substrates. Thus, the STYX domain adds to the repertoire of modular domains that can mediate intracellular signaling in response to protein phosphorylation. STYX is an important regulator of ERK1/2 signaling critical for cell migration and PC12 cell differentiation.
References	Wishart MJ, et al. (1998) Gathering styx: Phosphatase-like form predicts functions for unique protein-interaction domains. Trends Biochem Sci 23 (8): 301-306.Reiterer V, et al. (2017) Styx: A versatile pseudophosphatase. Biochem Soc Trans 45 (2): 449-456.He D, et al. (2019) Pseudophosphatase styx promotes tumor growth and metastasis by inhibiting fbwx7 function in colorectal cancer. Cancer Lett 454 53-65.

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/styx-antibody-immunohistochemistry-elisa/256073>