



Rabbit Anti-Styk1 antibody

SL5957R

Product Name:	Styk1
Chinese Name:	丝氨酸/苏氨酸/酪氨酸激酶STYK1抗体
Alias:	NOK; Novel oncogene with kinase domain; Protein kinase STYK1; Protein PK unique; Protein PK-unique; Serine/threonine/tyrosine kinase 1; Styk 1; STYK1; STYK1_HUMAN; SuRTK 106; SuRTK106; Tyrosine protein kinase STYK1; Tyrosine-protein kinase STYK1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Styk1:51-150/422
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways.

Function:

Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways (By similarity).

Subcellular Location:

Membrane.

Tissue Specificity:

Widely expressed. Highly expressed in brain, placenta and prostate. Expressed in tumor cells such as hepatoma cells LO2, cervix carcinoma cells HeLa, ovary cancer cells Ho8910 and chronic myelogenous leukemia cells K562, but not in other tumor cells such as epidermoid carcinoma (A431). Undetectable in most normal lung tissues, widely expressed in lung cancers.

Similarity:

Belongs to the protein kinase superfamily. Tyr protein kinase family. Contains 1 protein kinase domain.

SWISS:

Q6J9G0

Gene ID:

55359

Database links:

[Entrez Gene: 55359](#)Human

[Omin: 611433](#)Human

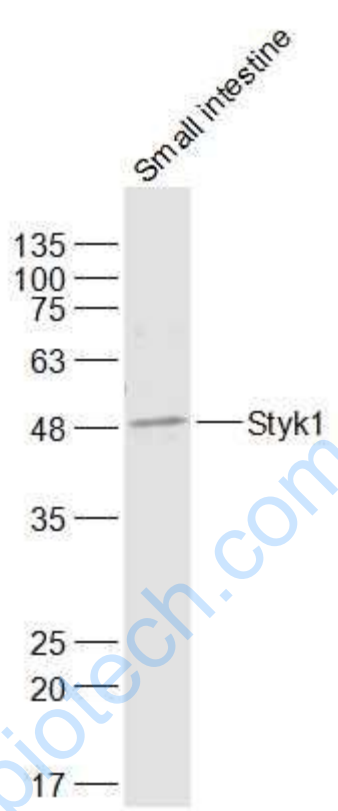
[SwissProt: Q6J9G0](#)Human

[Unigene: 24979](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

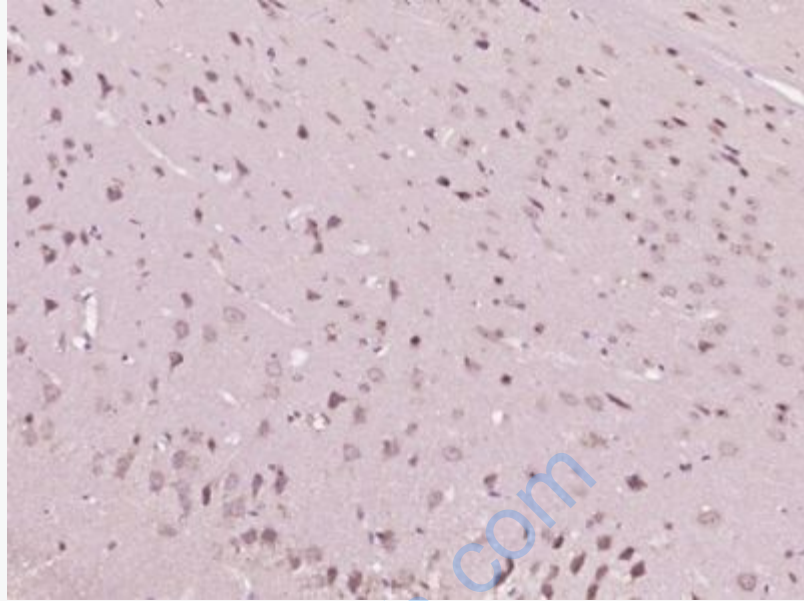
Small intestine (Mouse) Lysate at 40 ug

Primary: Anti-Styk1 (SL5957R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD

Observed band size: 48 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Styk1) Polyclonal Antibody, Unconjugated (SL5957R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.