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Styk1 Rabbit pAb

Catalog # AP97178

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6J9G0
Other Accession	Q6J9G0
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47577
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Styk1
Epitope Specificity	51-150/422
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. Tyr protein kinase family.Contains 1 protein kinase domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	55359
Other Names	NOK; SuRTK106; STYK1_HUMAN; STYK1; Novel oncogene with kinase domain; Protein PK-unique; Serine/threonine/tyrosine kinase 1; 2.7.10.2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	STYK1
Synonyms	NOK

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).
Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Widely expressed. Highly expressed in brain, placenta and prostate. Expressed in tumor cells such as hepatoma cells L-02, cervix carcinoma cells HeLa, ovary cancer cells Ho8910 and chronic myelogenous leukemia cells K-562, but not in other tumor cells such as epidermoid carcinoma (A-431). Undetectable in most normal lung tissues, widely expressed in lung cancers

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.