

Mouse Styk1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14469c

Product Information

Application	WB, E
Primary Accession	Q6J9G1
Other Accession	NP_766479.1
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35152
Calculated MW	48121
Antigen Region	210-238

Additional Information

Gene ID	243659
Other Names	Tyrosine-protein kinase STYK1, Novel oncogene with kinase domain, mNOK, Serine/threonine/tyrosine kinase 1, Styk1, Nok
Target/Specificity	This Mouse Styk1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-238 amino acids from the Central region of mouse Styk1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Styk1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Styk1
Synonyms	Nok

Function	Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines including NIH 3T3 fibroblasts and on athymic nude mice. 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.
Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Highly expressed in colon and small intestine. Weakly or not expressed in spleen, skeletal muscle, liver, kidney, heart and brain. Expressed in transformed kidney cell lines (COS-1 and HEK293T).

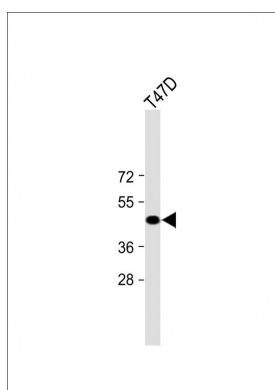
Background

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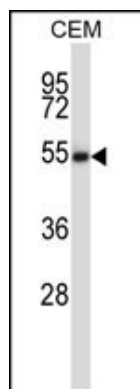
References

Chen, Y., et al. Cancer Res. 65(23):10838-10846(2005)
Liu, L., et al. Cancer Res. 64(10):3491-3499(2004)

Images

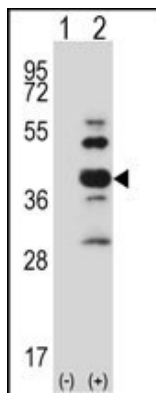


All lanes : Anti-Mouse Styk1 Antibody (Center) at 1:2000 dilution Lane 1: T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG/A/M(H/L), Peroxidase conjugated at 1/2000 dilution. Observed band size : 48kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Mouse Styk1 Antibody (Center) (Cat. #AP14469c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the Styk1 antibody detected the Styk1 protein (arrow).

Western blot analysis of Styk1 (arrow) using rabbit polyclonal Mouse Styk1 Antibody (Center) (Cat. #AP14469c). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Styk1 gene.



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