

For Research Use Only

SLK Polyclonal antibody

Catalog Number: 19743-1-AP



Basic Information

Catalog Number: 19743-1-AP	GenBank Accession Number: NM_014720	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop;	GeneID (NCBI): 9748	Recommended Dilutions: WB 1:500-1:3000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H2G2	
Isotype: IgG	Full Name: STE20-like kinase (yeast)	
	Calculated MW: 143 kDa	
	Observed MW: 143-160 kDa, 210-220 kDa	

Applications

Tested Applications: WB, IF, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HEK-293 cells, human brain tissue, MCF-7 cells, mouse liver tissue, HeLa cells, THP-1 cells
	IF : HepG2 cells,

Background Information

SLK, also named as KIAA0204 and STK2, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. SLK plays an important role in cell proliferation and cytoskeletal remodeling. In fibroblasts, SLK has been shown to respond to FAK/Src signaling and regulate focal adhesion turnover through Paxillin phosphorylation. Full-length SLK (~220 kDa) has also been shown to be essential for embryonic development. In myoblasts, the overexpression of a dominant negative SLK is sufficient to block myoblast fusion. (PMID: 28153048, PMID: 25882817, PMID: 23815977)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

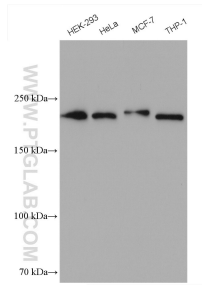
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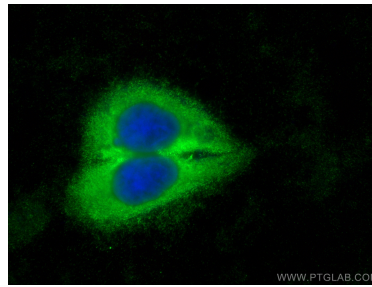
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19743-1-AP (SLK antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SLK antibody (19743-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).