

For Research Use Only

DSTYK Polyclonal antibody

Catalog Number: 20102-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

20102-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13678

GenBank Accession Number:

BC060870

GeneID (NCBI):

25778

UNIPROT ID:

Q6XUX3

Full Name:

dual serine/threonine and tyrosine protein kinase

Calculated MW:

66 kDa, 105 kDa

Observed MW:

66 kDa, 100-105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, monkey

Positive Controls:

WB : mouse brain tissue, rat liver tissue

IF/ICC : HepG2 cells,

Background Information

DSTYK (Dual serine-threonine and tyrosine protein kinase gene), also known as CAKUT1, DustyPK, SPG23 has been classically considered as RIPK5, encodes a protein product consisting of 850-931 amino acids, which has a striking membrane-associated distribution in mesenchymal-derived cells of all major organs including brain, heart, kidney, lung, colon, and muscle (PMID: 34853310). DSTYK is strongly expressed in the cytoplasm of most malignant cells and that the high expression of DSTYK in human colon cancer specimens is associated with tumor progression and/or poor prognosis.

Notable Publications

Author	Pubmed ID	Journal	Application
Xianding Sun	31980602	Nat Commun	IF
Chenxi Zhong	34853310	Cell Death Dis	WB,IHC

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

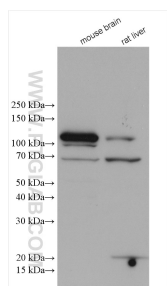
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

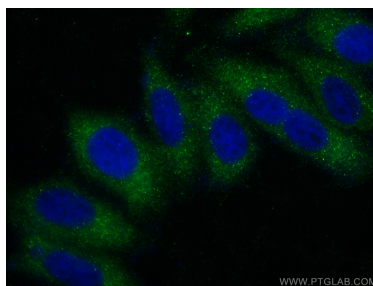
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20102-1-AP (DSTYK antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DSTYK antibody (20102-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).