

For Research Use Only

FAM124B Polyclonal antibody

Catalog Number: 21313-1-AP

3 Publications



Basic Information

Catalog Number:

21313-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15963

GenBank Accession Number:

BC025754

GeneID (NCBI):

79843

UNIPROT ID:

Q9H5Z6

Full Name:

family with sequence similarity 124B

Calculated MW:

455 aa, 51 kDa

Observed MW:

51 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : K-562 cells,

IHC : human colon cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

FAM124B is identified as a novel component of CHD7 and CHD8 containing complex. It is a mainly nuclear localized protein with a widespread expressed. Fam124B is a novel protein possibly involved in the pathogenesis of CHARGE syndrome and neurodevelopmental disorders.

Notable Publications

Author	Pubmed ID	Journal	Application
Ye Kuang	34691250	Oncol Lett	WB
Batsukh Tserendulam T	23285124	PLoS One	WB,IHC,IF
Hyeong Min Kim	39384883	Sci Rep	IF

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

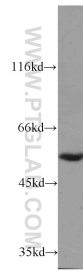
For technical support and original validation data for this product please contact:

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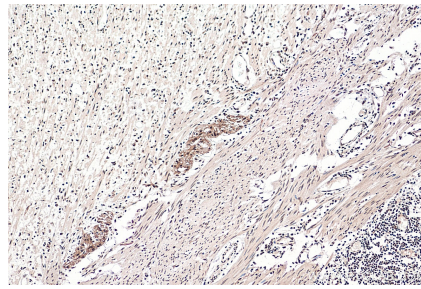
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 21313-1-AP (FAM124B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 21313-1-AP (FAM124B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).