

For Research Use Only

# FAM124B Polyclonal antibody

Catalog Number: 21313-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 21313-1-AP	<b>GenBank Accession Number:</b> BC025754	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 79843	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H5Z6	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 124B	
<b>Immunogen Catalog Number:</b> AG15963	<b>Calculated MW:</b> 455 aa, 51 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : K-562 cells, IHC : human colon cancer tissue,
<b>Cited Applications:</b> WB, IHC, IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

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

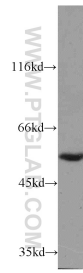
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

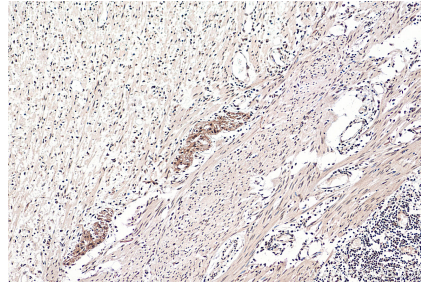
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## Selected Validation Data



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).