

For Research Use Only

# ANKRD55 Polyclonal antibody

Catalog Number: 24203-1-AP



## Basic Information

<b>Catalog Number:</b> 24203-1-AP	<b>GenBank Accession Number:</b> BC106914	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79722	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q3KP44	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> ankyrin repeat domain 55	<b>IF/ICC 1:20-1:200</b>
<b>Immunogen Catalog Number:</b> AG21271	<b>Calculated MW:</b> 614 aa, 68 kDa	
	<b>Observed MW:</b> 68 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, L02 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human cervical cancer tissue,
	<b>IF/ICC :</b> HeLa cells,

## Background Information

ANKRD55 also named as Ankyrin repeat domain containing protein 55 is a 614 amino acid protein, which contains 9 ANK repeat. ANKRD55 may exist three alternatively spliced isoforms and belongs to ankyrin family. The function of ANKRD55 is still non-known and need to be further studied.

## Storage

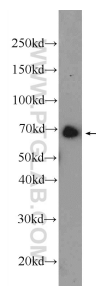
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

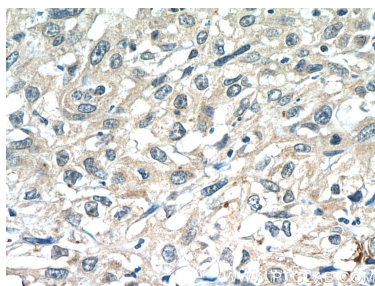
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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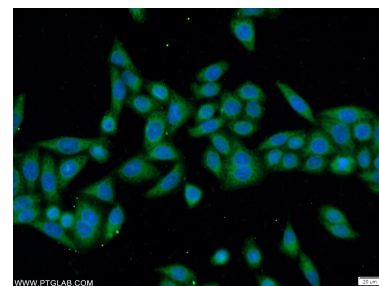
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24203-1-AP (ANKRD55 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 24203-1-AP (ANKRD55 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 24203-1-AP (ANKRD55 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).