

For Research Use Only

# ARMC8 Polyclonal antibody

Catalog Number: 12653-1-AP

4 Publications



## Basic Information

### Catalog Number:

12653-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3374

### GenBank Accession Number:

BC013424

### GeneID (NCBI):

25852

### UNIPROT ID:

Q8IUR7

### Full Name:

armadillo repeat containing 8

### Calculated MW:

673 aa, 75.5 kDa

### Observed MW:

75.5 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : A549 cells, HeLa cells, HepG2 cells

IHC : human cervical cancer tissue, human lung 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

Armadillo repeat-containing protein 8 (Armc8) is a key factor to regulate cell membrane adhesion complex through promoting  $\alpha$ -catenin degradation. Armc8 expression was elevated during atypia-to-carcinoma progression and may be associated with cancer development of breast carcinoma (PMID: 25119601).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiangzhi Li	34016486	J Dermatol Sci	WB, IHC
Chen Zhang	32547335	Dose Response	WB
Shimaa H A Soliman	32346083	Sci Rep	WB

## 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

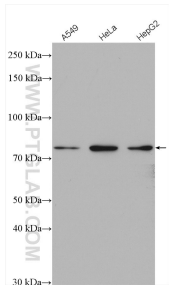
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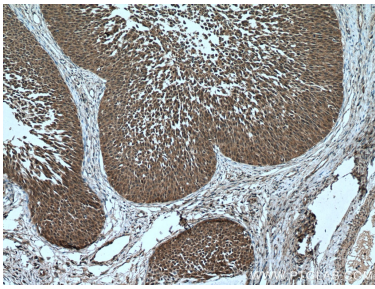
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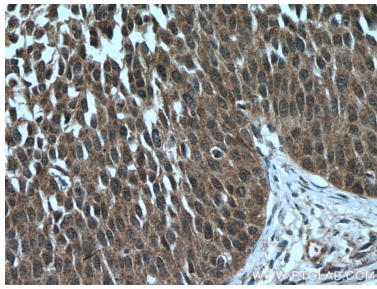
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12653-1-AP (ARM C8 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 12653-1-AP (ARM C8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 12653-1-AP (ARM C8 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).