

For Research Use Only

# Ajuba Polyclonal antibody

Catalog Number: 28686-1-AP

1 Publications



## Basic Information

Catalog Number:

28686-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29725

GenBank Accession Number:

BC007580

GeneID (NCBI):

84962

UNIPROT ID:

Q961F1

Full Name:

jub, ajuba homolog (Xenopus laevis)

Calculated MW:

57 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat

Cited Species:

human

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

Positive Controls:

WB : HeLa cells, HepG2 cells

IHC : mouse skin tissue, human thyroid cancer tissue, mouse small intestine tissue, mouse testis tissue, rat skin tissue, rat small intestine tissue, rat testis tissue

## Background Information

Ajuba belongs to the LIM domain proteins, which are involved in the assembly of the extracellular matrix and, along with associated proteins, regulate target genes that connect the extracellular matrix and the cytoskeleton. Ajuba consists of three LIM domains at the C-terminal and is located in the cytoplasm where it interacts with a variety of other proteins. Ajuba contributes to the formation or strengthening of cell-cell adhesion and regulates cell growth and differentiation decisions. Ajuba participates in the assembly of the extracellular matrix. Ajuba also plays an important role in some diseases.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu Zhang	37342906	Cell 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

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

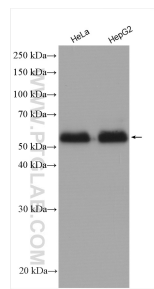
T: 4006900926

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

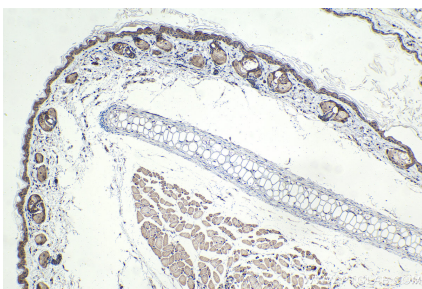
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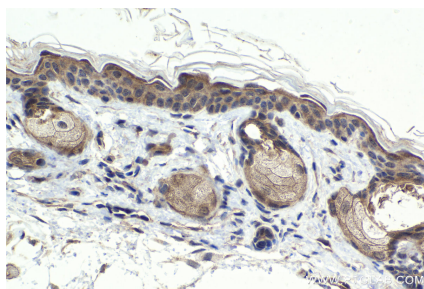
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28686-1-AP (Ajuba antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 28686-1-AP (Ajuba antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 28686-1-AP (Ajuba antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).