

For Research Use Only

# UNK Polyclonal antibody

Catalog Number: 31574-1-AP



## Basic Information

**Catalog Number:**

31574-1-AP

**Size:**

150ul , Concentration: 500 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG36222

**GenBank Accession Number:**

BC053362

**GeneID (NCBI):**

85451

**UNIPROT ID:**

Q9C0B0

**Full Name:**

unkempt homolog (Drosophila)

**Observed MW:**

88-100 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:5000-1:50000

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HEK-293T cells, HeLa cells, Jurkat cells

IF/ICC : HEK-293 cells, HeLa cells

## Background Information

Unkempt (UNK) is a sequence-specific RNA-binding protein which plays an important role in the establishment and maintenance of the early morphology of cortical neurons during embryonic development. UNK gene encodes a zinc finger/RING domain containing protein, as a negative regulator of the timing of photoreceptor differentiation.

## 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

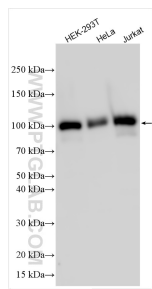
For technical support and original validation data for this product please contact:

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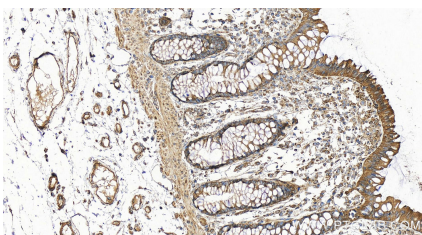
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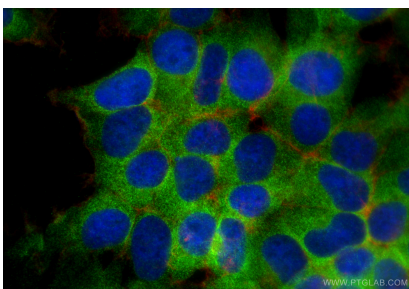
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31574-1-AP (UNK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 31574-1-AP (UNK antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using UNK antibody (31574-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).