

For Research Use Only

# KIAA1199 / CEMIP Polyclonal antibody

Catalog Number: 31106-1-AP



## Basic Information

<b>Catalog Number:</b> 31106-1-AP	<b>GenBank Accession Number:</b> BC020256	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 550 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57214	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WUJ3	
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA1199 / CEMIP	
<b>Immunogen Catalog Number:</b> AG34315	<b>Calculated MW:</b> 1361 aa, 153 kDa	
	<b>Observed MW:</b> 150 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
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 : HCT 116 cells, HT-1080 cells

IHC : human colon cancer,

IF/ICC : HeLa cells,

## Background Information

KIAA1199, also known as CEMIP, was first discovered as an inner-ear protein whose genetic mutations were linked to nonsyndromic hearing loss. KIAA1199 is involved in hyaluronan degradation. Studies have shown that KIAA1199 is overexpressed in many types of cancers, suggesting a critical role of KIAA1199 in cancer progression.

## 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

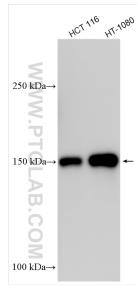
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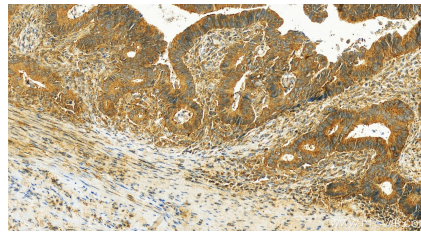
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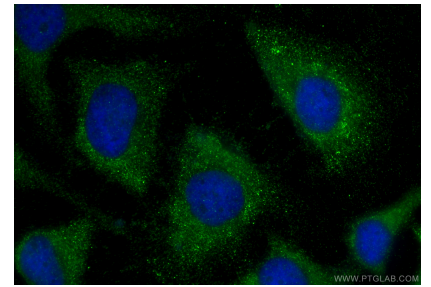
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31106-1-AP (KIAA1199 / CEMIP antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer slide using 31106-1-AP (KIAA1199 / CEMIP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using KIAA1199 / CEMIP antibody (31106-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).