

For Research Use Only

KIAA1199 / CEMIP Polyclonal antibody



Catalog Number: 21129-1-AP

Featured Product

41 Publications

Basic Information

| | | |
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| Catalog Number: 21129-1-AP | GenBank Accession Number: BC020256 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 300 µg/ml by Nanodrop; | GeneID (NCBI): 57214 | Recommended Dilutions: WB 1:300-1:1000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: KIAA1199 | |
| Isotype: IgG | Calculated MW: 1361 aa, 153 kDa | |
| Immunogen Catalog Number: AG15527 | Observed MW: 150 kDa | |

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
CoIP, IF, IHC, IP, WB

Species Specificity:
human, mouse

Cited Species:
human, mouse, marmoset

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: U-87 MG cells, COLO 320 cells, SGC-7901 cells

IHC: human prostate hyperplasia tissue, mouse testis tissue, human stomach cancer tissue

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.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|----------|--------------|
| Takuya Oba | 34521918 | Sci Rep | WB,IHC |
| Lei Zhao | 30202098 | Oncogene | WB,IHC,IF,IP |
| Jun Shiozawa | 36241903 | Sci Rep | WB,IHC |

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

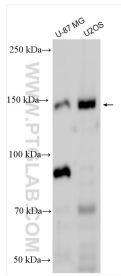
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

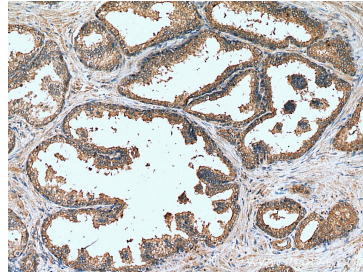
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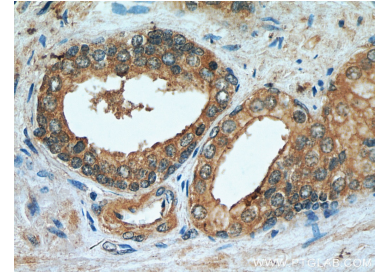
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21129-1-AP (KIAA1199 / CEMIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 21129-1-AP (KIAA1199 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 prostate hyperplasia tissue slide using 21129-1-AP (KIAA1199 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).