

For Research Use Only

KIAA1199 / CEMIP Polyclonal antibody

Catalog Number: 21129-1-AP

Featured Product

49 Publications



Basic Information

Catalog Number:

21129-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15527

GenBank Accession Number:

BC020256

GeneID (NCBI):

57214

UNIPROT ID:

Q8WUJ3

Full Name:

KIAA1199 / CEMIP

Calculated MW:

1361 aa, 153 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:300-1:1000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat, 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, U2OS cells, COLO 320 cells, SGC-7901 cells

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

IF/ICC: HeLa cells,

FC (Intra): HepG2 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.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

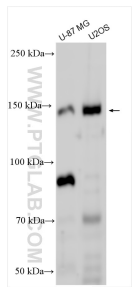
For technical support and original validation data for this product please contact:

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

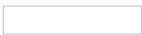
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

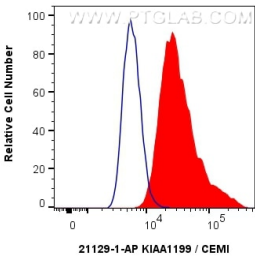
Selected Validation Data



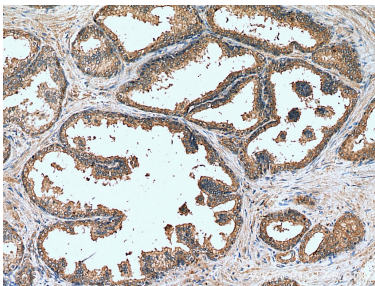
Various lysates were subjected to SDS PAGE followed by western blot with 21129-1-AP (KIAA1199 / CEMIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



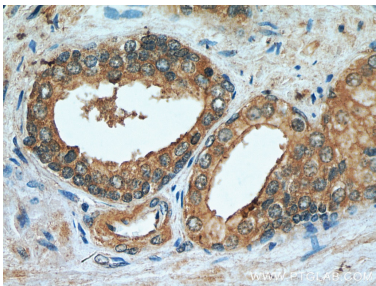
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KIAA1199 / CEMIP antibody (21129-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug KIAA1199 / CEMIP Polyclonal antibody (21129-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



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).