For Research Use Only

C21orf2 Polyclonal antibody

Catalog Number:27609-1-AP 1 Publications

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Basic Information

Catalog Number:
27609-1-AP

Size:
450 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG26470

GenBank Accession Number:
BC072012

GeneID (NCBI):
755

UNIPROT ID:
O43822

Full Name:
chromosome 21 open reading frame 2

Observed MW:
28-32 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:4000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
WB, IP

Species Specificity:
Human

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 : HEK-293T cells,

IP : HEK-293T cells,

IHC : human lung cancer tissue,

Background Information

Notable Publications

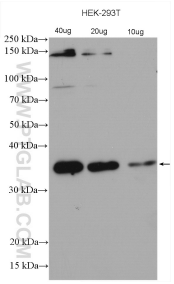
Author	Pubmed ID	Journal	Application
Mateusz Gregorczyk	37188479	Life Sci Alliance	WB,IP

Storage

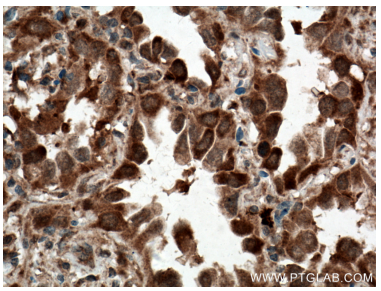
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

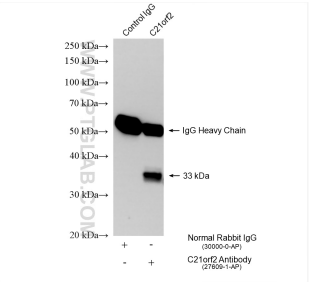
Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 27609-1-AP (C21orf2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 27609-1-AP (C21orf2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-C21orf2 (IP:27609-1-AP, 4ug; Detection:27609-1-AP 1:3000) with HEK-293T cells lysate 1320 ug.