

For Research Use Only

NCF4 Polyclonal antibody

Catalog Number: 14648-1-AP

2 Publications



Basic Information

Catalog Number:

14648-1-AP

Size:

200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6241

GenBank Accession Number:

BC002798

GeneID (NCBI):

4689

UNIPROT ID:

Q15080

Full Name:

neutrophil cytosolic factor 4, 40kDa

Calculated MW:

39 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

rat

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 : L02 cells,

IHC : human heart tissue,

IF/ICC : U2OS cells,

Background Information

NCF4, also named as p40phox, was the last NADPH oxidase subunit to be discovered, and although there is evidence of its both positive and negative effects on oxidase function. Catalog# 14648-1-AP is a rabbit polyclonal antibody raised against the full-length of human NCF4. The MW of this protein is 40 kDa, and this antibody specially recognises the 40 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuyou Huang	38954749	CNS Neurosci Ther	IF
Cunxiang Bo	38720270	BMC Pulm Med	

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

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

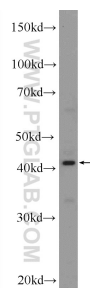
T: 4006900926

E: Proteintech-CN@ptglab.com

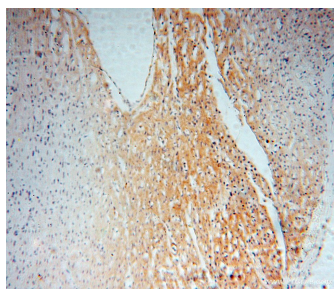
W: ptgcn.com

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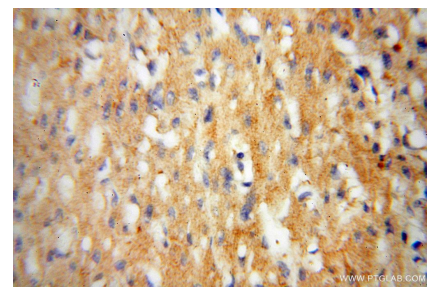
Selected Validation Data



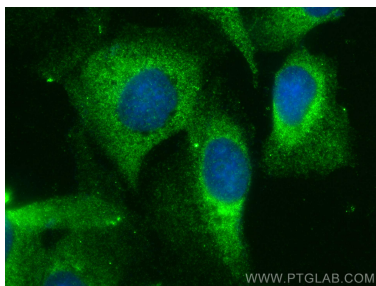
L02 cells were subjected to SDS PAGE followed by western blot with 14648-1-AP (NCF4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 14648-1-AP (NCF4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 14648-1-AP (NCF4 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using NCF4 antibody (14648-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).