For Research Use Only

C10orf58 Polyclonal antibody

Catalog Number:20446-1-AP

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Basic Information

Catalog Number:
20446-1-AP

Size:
450 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14272

GenBank Accession Number:
BC005871

GeneID (NCBI):
84293

UNIPROT ID:
Q9BRX8

Full Name:
chromosome 10 open reading frame 58

Calculated MW:
229 aa, 26 kDa

Observed MW:
24-30 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IHC 1:50-1:500
IF/ICC 1:20-1:200

Applications

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

Species Specificity:
human, 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 : ROS1728 cells,

IHC : human skin tissue,

IF/ICC : ROS1728 cells,

Background Information

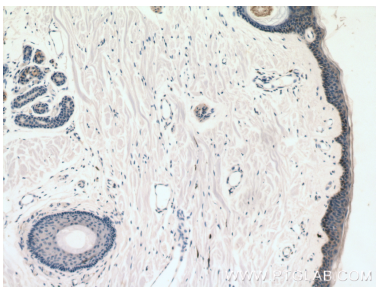
C10orf58, also name as FAM213A and PAMM, is involved in redox regulation of the cell. It acts as an antioxidant. C10orf58 inhibits TNFSF11-induced NFKB1 and JUN activation and osteoclast differentiation. It may affect bone resorption and help to maintain bone mass. The MW of C10orf58 is 24-30 kDa.

Storage

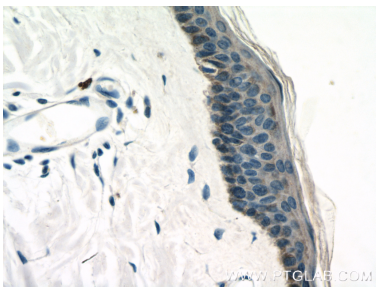
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

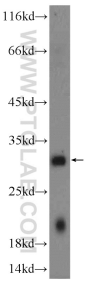
Selected Validation Data



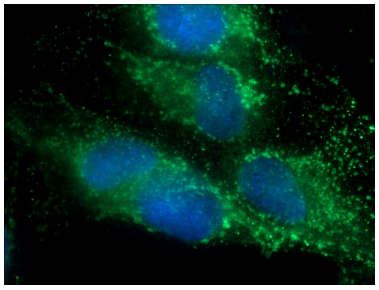
Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 20446-1-AP (C10orf58 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 20446-1-AP (C10orf58 antibody) at dilution of 1:200 (under 40x lens).



ROS1728 cells were subjected to SDS PAGE followed by western blot with 20446-1-AP (C10orf58 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of ROS1728 cells using 20446-1-AP (C10orf58 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).