

C10orf58 Polyclonal antibody

Catalog Number: 20446-1-AP

Basic Information

Catalog Number: 20446-1-AP	GenBank Accession Number: BC005871	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 84293	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q9BRX8	IHC 1:50-1:500
Isotype: IgG	Full Name: chromosome 10 open reading frame 58	IF 1:20-1:200
Immunogen Catalog Number: AG14272	Calculated MW: 229 aa, 26 kDa	
	Observed MW: 24-30 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, rat	WB : ROS1728 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human skin tissue,
	IF : ROS1728 cells,

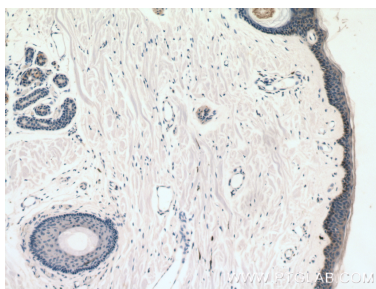
Background Information

C10orf58, also name as FAM213A and PAMM, is involved in redox regulation of the cell. It acts as an antioxidant. C10orf58 inhibits TNFSF11-induced NFκB1 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.

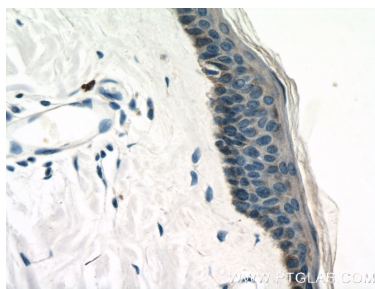
Storage

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

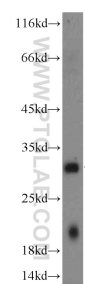
Selected Validation Data



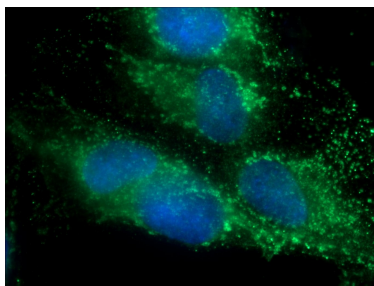
Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 20446-1-AP (C10orf58 antibody) at dilution of 1:200 (under 10x lens).



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).