

PRX2LA Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13446B

Specification

PRX2LA Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9BRX8
Other Accession	O3ZBK2 , NP_115709.3
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	181-209

PRX2LA Antibody (C-term) - Additional Information

Gene ID 84293

Other Names

Redox-regulatory protein FAM213A, Peroxiredoxin-like 2 activated in M-CSF stimulated monocytes, Protein PAMM, FAM213A, C10orf58, PAMM

Target/Specificity

This C10orf58 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-209 amino acids from the C-terminal region of human C10orf58.

Dilution

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRX2LA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PRX2LA Antibody (C-term) - Protein Information

Name PRXL2A ([HGNC:28651](#))

Function Involved in redox regulation of the cell (PubMed:[19951071](#), PubMed:[26438880](#)). Acts as an antioxidant (PubMed:[19951071](#), PubMed:[26438880](#)). Inhibits TNFSF11-induced NFKB1 and JUN activation and osteoclast differentiation (PubMed:[19951071](#)). May affect bone resorption and help to maintain bone mass (PubMed:[19951071](#)). Acts as a negative regulator of macrophage-mediated inflammation by inhibiting macrophage production of inflammatory cytokines, probably through suppression of the MAPK signaling pathway (PubMed:[26438880](#)).

Cellular Location

Cytoplasm. Secreted. Note=Secreted from mature adipocytes but not from preadipocytes.

Tissue Location

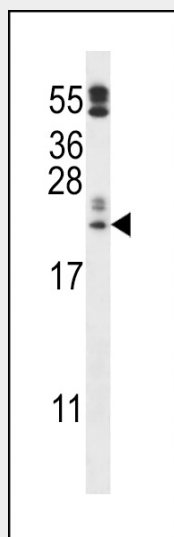
Expressed in CSF1 and TNFSF11-stimulated CD14(+) peripheral blood mononuclear cells (PBMCs)

PRX2LA Antibody (C-term) - Protocols

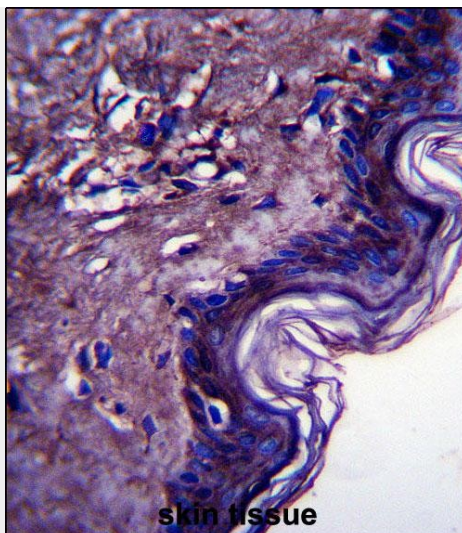
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRX2LA Antibody (C-term) - Images



C10orf58 Antibody (C-term) (Cat. #AP13446b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the C10orf58 antibody detected the C10orf58 protein (arrow).



C10orf58 Antibody (C-term) (Cat. #AP13446b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of C10orf58 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PRX2LA Antibody (C-term) - Background

The specific function of the protein remains unknown.

PRX2LA Antibody (C-term) - References

Castellano, S., et al. EMBO Rep. 5(1):71-77(2004)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)