

POMP Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20420b

Product Information

Application	WB, E
Primary Accession	Q9Y244
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB43046
Calculated MW	15789
Antigen Region	105-131

Additional Information

Gene ID	51371
Other Names	Proteasome maturation protein, Proteasemblin, Protein UMP1 homolog, hUMP1, Voltage-gated K channel beta subunit 41, POMP, C13orf12, UMP1
Target/Specificity	This POMP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-131 amino acids from the C-terminal region of human POMP.
Dilution	WB~~1:1000 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	POMP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	POMP (HGNC:20330)
Function	Molecular chaperone essential for the assembly of standard proteasomes and immunoproteasomes. Degraded after completion of proteasome maturation. Mediates the association of 20S preproteasome with the

endoplasmic reticulum.

Cellular Location

Cytoplasm, cytosol. Nucleus. Microsome membrane.

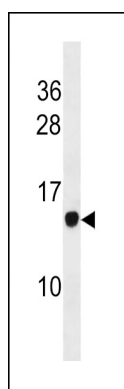
Tissue Location

Strongly expressed from the basal layer to the granular layer of healthy epidermis, whereas in KLiCK patients there is a gradual decrease of expression toward the granular layer

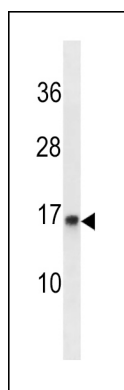
Background

Molecular chaperone essential for the assembly of standard proteasomes and immunoproteasomes. Degraded after completion of proteasome maturation. Mediates the association of 20S preproteasome with the endoplasmic reticulum.

Images



POMP Antibody (C-term) (Cat. #AP20420b) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the POMP antibody detected the POMP protein (arrow).



POMP Antibody (C-term) (Cat. #AP20420b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the POMP antibody detected the POMP protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.