

TMEM214 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10068a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q6NUQ4
Other Accession	NP_060197.4
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27727
Calculated MW	77151
Antigen Region	38-66

Additional Information

Gene ID	54867
Other Names	Transmembrane protein 214, TMEM214
Target/Specificity	This TMEM214 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-66 amino acids from the N-terminal region of human TMEM214.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~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	TMEM214 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

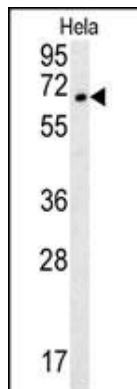
Name	TMEM214
Function	Critical mediator, in cooperation with CASP4, of endoplasmic reticulum-stress induced apoptosis. Required for the activation of CASP4

following endoplasmic reticulum stress.

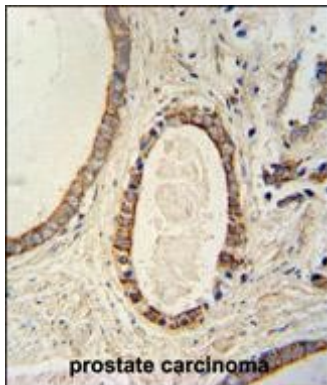
Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

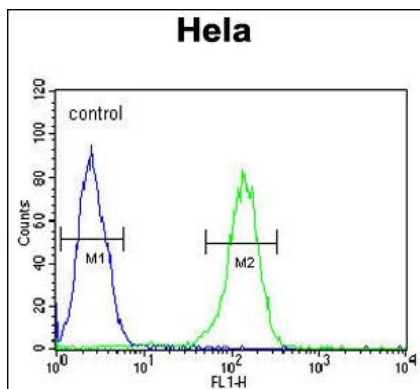
Images



TMEM214 Antibody (N-term) (Cat. #AP10068a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TMEM214 antibody detected the TMEM214 protein (arrow).



TMEM214 antibody (N-term) (Cat. #AP10068a) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TMEM214 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TMEM214 Antibody (N-term) (Cat. #AP10068a) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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