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USP43 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14283b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q70EL4
Other Accession	NP_694942.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34877
Calculated MW	122809
Antigen Region	900-928

Additional Information

Gene ID	124739
Other Names	Ubiquitin carboxyl-terminal hydrolase 43, Deubiquitinating enzyme 43, Ubiquitin thioesterase 43, Ubiquitin-specific-processing protease 43, USP43
Target/Specificity	This USP43 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 900-928 amino acids from the C-terminal region of human USP43.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	USP43 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	USP43
Function	May recognize and hydrolyze the peptide bond at the C- terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (By similarity).

Tissue Location Expressed in brain, aorta and lung at low levels.

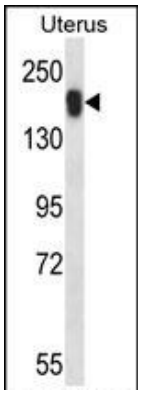
Background

USP43 may recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquinated proteins (By similarity).

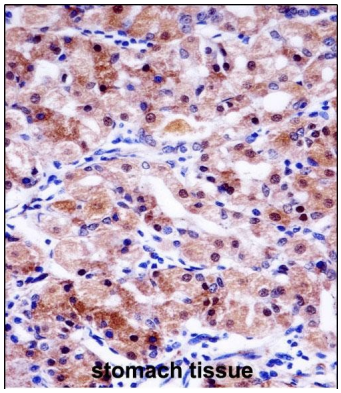
References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Quesada, V., et al. Biochem. Biophys. Res. Commun. 314(1):54-62(2004) Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003)

Images



USP43 Antibody (C-term) (Cat. #AP14283b) western blot analysis in human normal Uterus tissue lysates (35ug/lane).This demonstrates the USP43 antibody detected the USP43 protein (arrow).



USP43 Antibody (C-term) (AP14283b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of USP43 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- USP11 acts as a histone deubiquitinase functioning in chromatin reorganization during DNA repair.

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