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K1324 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12550b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q6UXG2
Other Accession	NP_065826.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27119
Calculated MW	111382
Antigen Region	704-732

Additional Information

Gene ID	57535
Other Names	UPF0577 protein KIAA1324, Estrogen-induced gene 121 protein, KIAA1324, EIG121
Target/Specificity	This K1324 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 704-732 amino acids from the C-terminal region of human K1324.
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	K1324 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ELAPOR1 (HGNC:29618)
Function	May protect cells from cell death by inducing cytosolic vacuolization and up-regulating the autophagy pathway (PubMed:21072319). May play a role in

	apoptosis and cell proliferation through its interaction with HSPA5 (PubMed:26045166).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Late endosome membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein
Tissue Location	Expressed in normal endometrium but overexpressed in endometroid tumors.

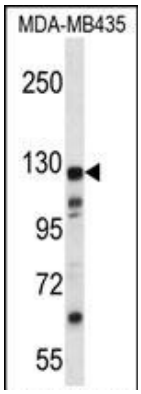
Background

K1324 may play a role as a marker of hyperestrogenic state and estrogen-related type I endometrial carcinoma.

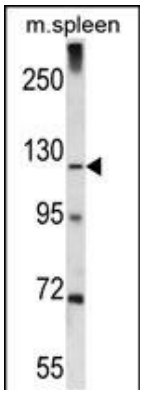
References

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Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)
Deng, L., et al. Clin. Cancer Res. 11(23):8258-8264(2005)
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Images

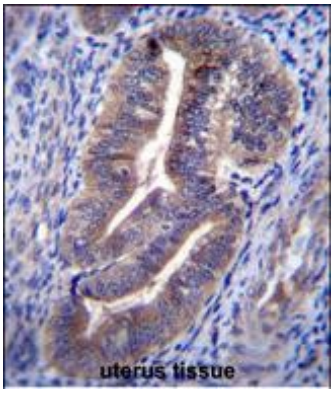


K1324 Antibody (C-term) (Cat. #AP12550b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the K1324 antibody detected the K1324 protein (arrow).



K1324 Antibody (C-term) (Cat. #AP12550b) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the K1324 antibody detected the K1324 protein (arrow).

K1324 Antibody (C-term) (Cat. #AP12550b)immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary



antibody and DAB staining.This data demonstrates the use of K1324 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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