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K1324 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12550b

Specification

K1324 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q6UXG2
Other Accession	NP_065826.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**111382**
Antigen Region	**704-732**

K1324 Antibody (C-term) - 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~~1:10~50

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.

K1324 Antibody (C-term) - 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

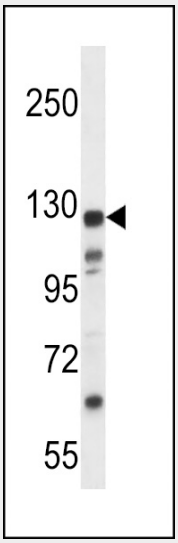
Tissue Location
Expressed in normal endometrium but overexpressed in endometroid tumors.

K1324 Antibody (C-term) - Protocols

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

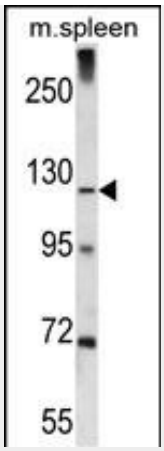
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

K1324 Antibody (C-term) - Images

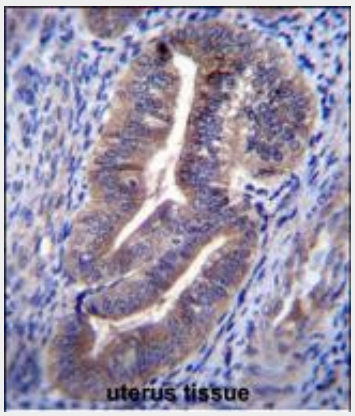


K1324 Antibody (C-term) (Cat. #AP12550b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the K1324 antibody detected the K1324 protein (arrow).

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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.

K1324 Antibody (C-term) - Background

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

K1324 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Araki, T., et al. Gene Expr. Patterns 7(6):666-671(2007)
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)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)