

EIG121 Rabbit pAb

Catalog # AP99258

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6UXG2
Other Accession	Q6UXG2
Predicted	Rat, Pig, Human, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111382
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Estrogen-induced gene 121 protein
Epitope Specificity	841-940/1013
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the UPF0577 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Estrogen-induced gene 121 protein may play a role as a marker of hyperestrogenic state and estrogen-related type I endometrial carcinoma. It belongs to the UPF0577 family.

Additional Information

Gene ID	57535
Other Names	EIG121; KIAA1324; ELAP1_HUMAN; ELAPOR1; Estrogen-induced gene 121 protein; endosome-lysosome associated apoptosis and autophagy regulator 1; estrogen induced gene 121
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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