



## Rabbit Anti-TP53I8 antibody

SL6637R

<b>Product Name:</b>	TP53I8
<b>Chinese Name:</b>	Tumour蛋白p53诱导蛋白8
<b>Alias:</b>	Ei24; EI24_HUMAN; EPG4; Etoposide induced 2.4 mRNA; Etoposide-induced protein 2.4 homolog; p53-induced gene 8 protein; PIG8; TP53I8; Tumor protein p53 inducible protein 8.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	39kDa
<b>Cellular localization:</b>	The nucleuscytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TP53I8/EI24:251-340/340
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene has higher expression in p53-expressing cells than in control cells and is an immediate-early induction target of p53-mediated apoptosis. The protein encoded by this gene contains six putative transmembrane domains and may suppress cell growth by inducing apoptotic cell death through the caspase 9 and mitochondrial pathways. This gene is located on human chromosome 11q24, a region frequently altered in

cancers. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].

**Function:**

Acts as a negative growth regulator via p53-mediated apoptosis pathway. Regulates formation of degradative autolysosomes during autophagy.

**Subunit:**

Interacts with BCL2.

**Subcellular Location:**

Nucleus membrane; Multi-pass membrane protein. Cytoplasm. Endoplasmic reticulum membrane; Multi-pass membrane protein.

**DISEASE:**

Note=EI24 is on a chromosomal region frequently deleted in solid tumors, and it is thought to play a role in breast and cervical cancer. Particularly, expression analysis of EI24 in cancerous tissues shows that EI24 loss is associated with tumor invasiveness.

**Similarity:**

Belongs to the EI24 family.

**SWISS:**

O14681

**Gene ID:**

9538

**Database links:**

[Entrez Gene: 9538](#)Human

[Entrez Gene: 13663](#)Mouse

[Entrez Gene: 300514](#)Rat

[Omim: 605170](#)Human

[SwissProt: O14681](#)Human

[SwissProt: Q61070](#)Mouse

[SwissProt: Q4KM77](#)Rat

[Unigene: 643514](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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