



Rabbit Anti-IEX1 antibody

SL6840R

Product Name:	IEX1
Chinese Name:	分化相关基因2蛋白/立即早期反应蛋白抗体
Alias:	IEX1; PRG1; Anti death protein; Differentiation dependent gene 2 protein; DIF 2; DIF2; Differentiation dependent gene 2; Differentiation dependent gene 2 protein; Differentiation-dependent gene 2 protein; Expressed in pancreatic carcinoma; GLY 96; GLY96; Gly96 mouse homolog of; IER 3; IER3; IEX 1; IEX 1L; IEX1_HUMAN; IEX1L; Immediate early protein GLY96; Immediate early response 3; Immediate early response 3 protein; Immediately early gene X 1; PACAP responsive gene 1; PACAP responsive gene 1 protein; PACAP-responsive gene 1 protein; PRG 1; Protein DIF 2; Protein DIF-2; Protein PRG1; Radiation-inducible immediate-early gene IEX-1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IEX1/Differentiation dependent gene 2 protein:85-156/156<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.

PubMed:[PubMed](#)

This gene functions in the protection of cells from Fas- or tumor necrosis factor type alpha-induced apoptosis. Partially degraded and unspliced transcripts are found after virus infection in vitro, but these transcripts are not found in vivo and do not generate a valid protein. [provided by RefSeq, Jul 2008].

Function:

May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Acts also as an ERK downstream effector mediating survival.

Subunit:

Interacts with the PPP2R5C-PP2A holoenzyme and ERK kinases; regulates ERK dephosphorylation.

Subcellular Location:

Membrane; Single-pass type II membrane protein.

Post-translational modifications:

Glycosylated.

Similarity:

Belongs to the IER3 family.

Product Detail:**SWISS:**

P46695

Gene ID:

8870

Database links:

[Entrez Gene: 8870](#)Human

[Entrez Gene: 15937](#)Mouse

[Omim: 602996](#)Human

[SwissProt: P46695](#)Human

[SwissProt: P46694](#)Mouse

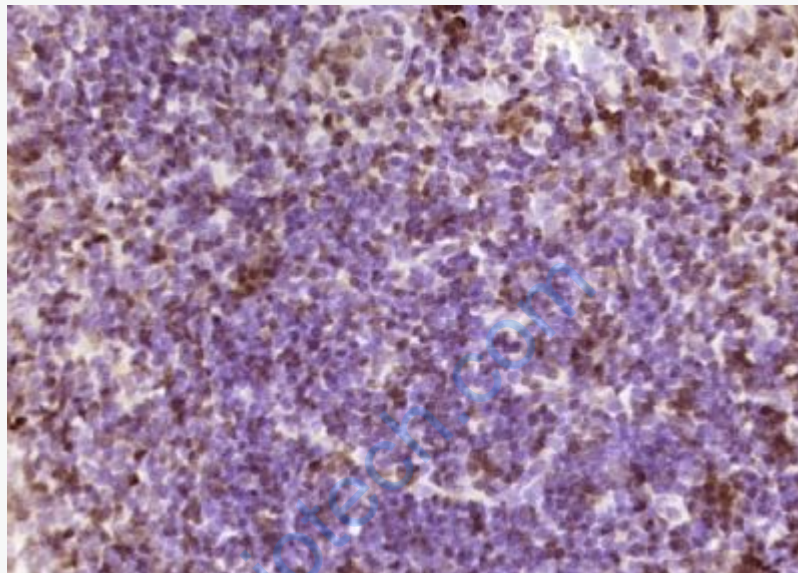
[Unigene: 730861](#)Human

[Unigene: 76095](#)Human

[Unigene: 25613](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IEX1) Polyclonal Antibody, Unconjugated (SL6840R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.